

業務経歴書 / Curriculum Vitae

01/2026

Name

K.N.

Professional Experience

- Education Graduated from Ikuei Technical College, Department of Industrial Design, March 1986
- 1986 – Worked at several companies, gaining experience in design, illustration production, printing, and DTP operations.
- 1989 – Joined a startup company as a part-time employee. Began with DTP operations and later engaged in interface design and programming for software development projects.
- 1991 – Joined the company as a full-time employee.
- 1995 – Appointed as Director. From this period, worked as a Project Manager, responsible for specification design, requirements definition, information architecture, and project management.
- 2002 – PresentLeft the company and has since continued similar work as a freelance professional to the present day.

Professional Experience

- Project management and development direction as a Project Manager.
- Requirement gathering, issue identification, and requirements definition from the client perspective.
- Specification design and information architecture for websites and applications.
- Consulting and proposal development based on current analysis of websites and applications.
- Content planning proposals based on requirements gathered through client negotiations.
- User behavior analysis using data such as Google Analytics, improvement strategy proposals, and implementation.
- Fundamental UI/UX design.
- Information architecture design for applications and websites based on UI/UX design.
- Detailed interaction and functional design for applications and websites based on UI/UX design.
- Interface design.
- UX writing and copywriting for content.
- Video production, audio recording, and still photography related to content creation.
- Test specification design and execution management.

Career Summary

Since around 1989, worked primarily on DTP production for dealer training manuals using Macintosh computers from Apple Computer Japan (now Apple Inc.).

From around 1990, engaged in the design and development of computer-based television programs and presentation systems. Subsequently handled numerous projects involving content planning, design, and production for public facilities such as museums, science centers, and art museums, including interactive games, information retrieval systems, multimedia presentation systems integrating video and audio, and CD-ROM content. Also worked on planning, design, and production of e-learning content for NHK, NHK-related companies, and public institutions. Later expanded responsibilities to include consulting, content design, and interface design for web and mobile applications, as well as scenario writing and copywriting.

In recent years, involved in UX/UI design and specification design for smart systems integrating IoT-related devices.

Currently focuses on consulting, content planning, UI/UX design, specification design, development direction, and project management for web development, application development, and IoT-related system development projects.

PROFESSIONAL STRENGTHS

Over the past approximately 30 years, I have been involved from the early stages of startup ventures, contributing to project governance, corporate management, and organizational expansion as a Board Director and COO.

I have led projects ranging from small to large scale, including initiatives involving up to 60 team members and websites exceeding 2,400 pages. In such large-scale projects, I served as Supervising Director, taking full responsibility for information architecture and UI/UX design.

Beyond websites, I have participated as a PM/PMO in a wide range of projects, including smartphone applications, custom PC applications, applications integrated with video/audio equipment and IoT devices, as well as program, video, and audio production. My strength lies in driving projects by leveraging cross-disciplinary knowledge cultivated through these diverse experiences.

From identifying client needs and challenges to providing consulting, I have consistently led entire project lifecycles — including requirements definition, information architecture, and direction of development and testing.

With a solid understanding of systems and programming, I collaborate closely with development teams to define core specifications and establish development policies.

Leveraging my background as a designer, I have led initiatives ranging from sharing fundamental UX principles to art direction, foundational UI design, and the establishment of design guidelines.

Having experienced multiple roles and perspectives, I possess strong strategic oversight and execution capabilities, enabling me to direct projects holistically.

My core strengths include requirements analysis, requirements definition, information architecture (IA), UI/UX design, specification design, and project management.

Skills

Design and Prototyping Tools

Figma, Sketch, AdobeXD

Design tools

Figma, Sketch, Adobe Illustrator, Adobe Photoshop, Adobe Indesign and others.

Comunication tools

Slack, Chatwork, Skype, Meets, Zoom and others

nocode tools

nicepage and othersl

Additional tools

JIRA, Redmine, Backlog, nicepage, Keynote, Numbers, Googleアプリ、Filemaker、Lightroom and others.

Selected Projects

Web application development using a proprietary BI tool.

■ Period

October 2023 – September 2025

Scope of Work

- Factory Production Equipment Operation Management System / Production Status Visualization System

December 2023 – August 2024

Project Overview

For the implementation of the above functions, I conducted client interviews and was responsible for requirements definition and specification design. Based on these, I led the information architecture and UI/UX design.

The system visualizes production equipment operating status and order-based production progress, enabling integrated oversight of bottlenecks in manufacturing processes, production and shipment status of scheduled items, and material inventory management. This resulted in the development of a production management system that supports early identification of bottlenecks and rapid planning and execution of corrective measures in manufacturing operations.

Responsibilities

- Conducted client interviews and led requirements definition and specification design
- Planned, designed, and produced UI/UX based on defined requirements
- Designed screens to visualize equipment operating status and order-based production progress
- Built an information architecture enabling centralized visibility of bottlenecks, production/shipment status, and material inventory management

Achievements / Impact

- Enabled early detection of bottlenecks in production operations
- Supported faster planning and execution of improvement measures
- Contributed to improved operational efficiency and faster decision-making through full production visibility

Role

- Assistant Project Manager
- Requirements Definition
- Specification Design
- UI/UX Design

- EV Dispatch Management System for Disaster Response

November 2023 – March 2024

Project Overview

Developed a management system to dispatch privately owned EV vehicles as mobile power sources during large-scale disasters.

The system centrally manages battery levels, dispatch availability, and real-time location data, enabling rapid and data-driven dispatch decisions.

Development Overview

As no comparable system previously existed, the project was executed as a fully greenfield SaaS application development initiative.

Based on battery level and location data obtained through vehicle communication, the system integrates information with vehicle owners to comprehensively assess and visualize dispatch eligibility.

By systemizing what had previously been a manual dispatch process, the solution enabled significantly faster and more accurate response operations.

Additionally, by registering charging stations within the system, it became possible to issue charging instructions to individual vehicles as needed.

Achievements / Impact

In proof-of-concept trials, processes that previously required over one hour for information consolidation and dispatch coordination were reduced to just a few minutes, representing a dramatic improvement in operational speed.

The system's high responsiveness and operational efficiency were highly evaluated.

Role

- Assistant Project Manager
- Requirements Definition
- Specification Design
- UI/UX Design

● Fleet Management System (FMS)

Period

June 2024 – August 2025

Project Overview

From March 2024 to July 2025, I was responsible for requirements definition, specification design, and UI/UX design across multiple Fleet Management Systems (FMS).

I contributed to the design and development of systems that acquire various vehicle data and visualize real-time location information, supporting improved visibility of fleet operations and enhanced operational efficiency.

Additional Initiatives

As part of a specialized project, I also led the design and development of UI/UX for a solar power generation system installed in vehicles. This included data acquisition and visualization of power generation volume and efficiency.

This initiative contributed to building a new monitoring platform that integrates energy management with vehicle operations.

Role

- Requirements Definition
- Specification Design
- UI/UX Design

● Construction Site Supervision System

February 2024 – March 2025

Project Overview

A system designed to enhance safety management and operational control at construction

sites.

In addition to managing worker entry and exit through facial recognition, the system integrates live feeds from on-site web cameras and weather data. This enables accurate remote monitoring of site conditions, ensuring workplace safety and improving management efficiency.

Achievements / Impact

By leveraging real-time weather information and on-site camera feeds, the system enables accurate and timely visibility into site conditions, strengthening safety management reliability. This contributed to improved efficiency and overall quality of site supervision operations.

The dashboard can be flexibly customized for each individual site, allowing tailored visibility aligned with specific site characteristics.

Furthermore, key operational information—such as weather conditions and entry/exit counts—is displayed via on-site digital signage, reducing administrative burden and supporting smoother site operations.

Role

- Assistant Project Manager
- Requirements Definition
- Specification Design
- UI/UX Design

■ Clients

Nissan Motor Co., Ltd.; Kawamura Electric Inc.; Systec; Kidsway; KOBELCO; Takeuchi Mfg. Co., Ltd.; and others

■ Responsibilities

Project leader, UI/UX Design and Information Architecture; Requirements Definition and Specification Development

UGV Remote Operation UI Design

■ Period

August 2022 – September 2022

■ Project Overview

Development of a remote operation system for UGVs (Unmanned Ground Vehicles) used for on-site supervision at ground-level construction sites and similar environments.

The system was designed as a monitoring solution to enhance worker safety.

■ Scope of Work

- Designed and developed the control interface UI for UGV operation.

■ Responsibilities

- UI/UX design for the remote control interface of the UGV
- Visual and interaction design for the UGV remote operation system

Bridge Inspection System

■ Period

June 2022 – August 2022

■ Project Overview

- A system for detecting defects during bridge component manufacturing and generating inspection reports.
- Using drone-captured images of bridge components, the system converts data into orthographic images and compares them with CAD drawings to detect manufacturing defects through AI-based analysis and visualization.
- A system for identifying areas requiring inspection due to manufacturing anomalies and registering inspection results into a database.
- A reporting system that generates inspection reports based on registered inspection data.

■ Responsibilities

- UI/UX design for the system web application.

Property HUB WEB site Design

■ Period

April 2022 – July 2022

■ Project Overview

- A building management and maintenance information-sharing system.
- The system utilizes AI to analyze video feeds from multiple installed web cameras in order to identify maintenance areas and manage related information.

■ Responsibilities

- UI/UX design for the system web application.

Website and SNS consulting for an independent record label and its affiliated artists.

■ Period

January 2021 – March 2021

■ Project Overview

- Planning and design for the website renewal of an independent record label.
- Content planning for the website renewal of affiliated artists.
- Consulting for website and social media operations.

■ Responsibilities

- Requirements definition
- Website analytics and consulting
- Planning and information architecture for website renewal
- Visual design for the website
- Social media operations consulting

■ Team Size

2 members (1 WordPress developer, 1 HTML coder)

Home OS 「v-ex」

■ Period

August 2017 – November 2020

■ Project Overview

- Launched a new home IoT system integrating the IoT platform “v-ex” with a dedicated application.
- Enabled control of various home appliances and connected IoT devices.
- Managed data acquisition and status monitoring from multiple IoT devices.
- Developed an automated operation control system for home appliances through IoT integration.

■ Responsibilities

- Business and system requirements definition
- Project management
- Development direction and coordination
- Art direction and partial design execution
- UI/UX design and detailed application specification documentation
- Test specification development and test execution management

■ Team Size

5 members (1 application developer, 1 server architect, 2 server engineers, 1 designer)

■ Additional Notes

- Participated from the initial service planning phase.
- Designed all aspects of the v-ex service, including service structure and system architecture, from scratch.
- Led project management from inception in a fully greenfield initiative.

Securities Company – Life Planning Website (Members-Only Content)

■ Period

September 2013 – August 2020

■ Overview

- A financial life planning website providing a wide range of information related to personal finance and life planning.
- Included simulation tools enabling users to evaluate and design their money plans.
- Led a full-scale website renewal, including new content planning and structural redesign.

■ Responsibilities

- Requirements definition and consulting.
- End-to-end information architecture and structural redesign as part of the full renewal.
- UI/UX redesign of financial simulation tools.
- Content planning, information architecture, and UI/UX design associated with new content development.
- Development direction.
- Operations direction.

■ Team Size

9 members (1 designer, 6 HTML coders, 2 programmers)

■ Notes

Members-only closed content platform.

Members-Only Securities Auction Platform

■ Period

May 2017 – February 2018

■ Overview

- Launched a new members-only auction website for a corporate welfare program.
- Developed as a secure auction platform exclusively for registered members, with both seller and buyer identity information centrally managed by the operating organization to ensure enhanced trust and safety.

■ Responsibilities

- Requirements definition.
- Project management.
- Development direction.
- UI/UX design and detailed web page specification design.
- Test planning and test execution direction.

■ Team Size

8 members (5 HTML coders, 1 designer, 2 server-side engineers)

■ Notes

Members-only closed content platform.

International Student Career Portal

■ Period

September 2015 – March 2016

■ Overview

- Launched a new job-hunting website specialized for international students in Japan.
- Initially developed in Japanese and English, with a roadmap to expand into a multilingual platform.
- Adopted Drupal as the CMS to ensure scalability for future multilingual support.
- Collaborated with multinational client stakeholders, including teams based in the United Kingdom.

■ Responsibilities

- Requirements definition.
- Development direction.
- Information architecture design.
- Project management.
- UI/UX design and detailed page specification design.
- UX writing.
- UI/UX visual design.
- Test planning and test execution direction.

■ Team Size

4 members (1 designer, 1 HTML coder, 2 programmers)

■ Notes

- Website developed using Drupal (CMS).
- Designed system architecture and content structure aligned with CMS capabilities and constraints.

Securities Company – Online Trading Platform (Full Renewal & Operations)

■ Period

April 2006 – December 2013

■ Overview

- Full-scale renewal of a securities company's online trading channel.
- Started with site consulting, proposed new content, directed video production, and completely redesigned the interface, covering a wide range of tasks.
- Continued involvement in site operations post-renewal.

■ Responsibilities

- Overall development and project direction.
- Site consulting.
- Planning and management of the site renewal.
- Content planning and information architecture
- writing and scenario design.
- Art direction and video production direction.
- Operations direction.
- Access analysis and improvement proposals.

■ Team Size

- 60+ members (3 assistant directors, 3 designers, 50 HTML coders, 5 visual designers, 1 video editor, 5–6 other staff)

■ Notes

- Extremely large-scale project released in three stages; team size varied across phases.
- Final site included over 2,400 pages.
- Involved from identifying issues and defining requirements with the client, through design, development, and delivery.

Other Professional Experience (Selected Major Projects)

■ 2020 – Present

BellaDati

FMS (Fleet Management System), Factory Production Monitoring System, EV Dispatch Management System, and related products

- Responsible for UI/UX design and information architecture across the above products within a proprietary BI platform

GROOVA

Corporate website

- Responsible for content architecture, website design, UI/UX design, product photography, and website development

AI Company

“UGV Remote Operation UI”

“Bridge Inspection System UI”

“Property HUB UI”

- Responsible for UI/UX design

Independent Record Label

- IT consulting for affiliated artists

- Responsible for website consulting, social media operations consulting and advisory, content planning, and project management

- “Official Website Renewal”

- Responsible for website specification design, UI/UX design, visual design, content planning, and project management

VIVID DIGITAL

“LotusTV” website consulting

- UI/UX improvement consulting and operational consulting

■ 2015 –

Housing Sales Company: HOME IoT / HOME OS “v-ex”

- Responsible for system architecture design, overall service design, application UI/UX and specification design, development direction, test specification development, and project management.

Securities Company Website

“Life & Money” (Closed Content Platform)

- Responsible for planning and consulting, UI/UX design, and specification design.

Recruitment Platform

“Job Hunting Site for International Students”

- Responsible for consulting for new site launch, UI/UX design, specification design, development, development direction, and project management.

■ 2010 –

Securities Company Website

"Yutoritaia" (Closed Content Platform)

- Responsible for planning and consulting, UI/UX design, specification design, and project management.

Securities Company Website

"Life Plan Station" (Closed Content Platform)

- Responsible for planning and consulting, UI/UX design, specification design, and operational direction.

Jupiter Telecommunications (J:COM)

Smartphone Application "J:COM App" (iPhone / Android)

- Responsible for UI/UX design for the application renewal, specification design and development direction, and project management.

■ 2005 –

Japan Science and Technology Agency (JST) – Rika Network

WBT Physics Educational Content for Junior and Senior High Schools

- "Physics Through Robotics"
- "200 Scientists Who Built the Foundations of Advanced Chemistry"
- Responsible for content planning, overall instructional design, text writing, scenario development, and project management.

National Institute of Multimedia Education

"The Mandala of Voice"

"Theory and Practice of Web Accessibility"

- Responsible for content planning, specification design, video production, development direction, and project management.

Nippon Ham – Virtual Factory Tour Website

"Teach Us, Factory Manager! – The Curiosity Squad"

- Responsible for content planning, site architecture, specification design, filming direction, scenario writing, and project management.

Rikkyo University – Faculty of Business Administration

Curriculum Video Production

- Responsible for filming and editing.

Canon Showroom System

Canon Plaza (Ginza, Shinagawa, Umeda)

- Responsible for system design, launcher application specification design and development, operations, and project management.

Microsoft Portal Site "MSN Japan"

• Travel Channel

"Cherry Blossom Special 2006"

"Featured Getaway Picks"

- Responsible for column writing (photography and copywriting) and detailed page design.

- Automobile & Motorcycle Channel
"Girls Eye"
- Responsible for detailed page design and operational direction.

Securities Company Website: Online Securities Trading Platform

"Hotto Direct" – Full Website Renewal

- Responsible for consulting, planning, content architecture, site design, and development direction.

Mobile Game Application / Mobile Website

"Hatakeppi"

- Responsible for game scenario writing, detailed application design, game logic design, site design, content architecture, and project management.

Fukui Prefecture – "At Home-kan"

Attraction System "At the Adventure"

- Responsible for overall scenario and direction, video and audio system design, content planning, game design, development direction, art direction, and project management.

NTT Communications – "ICT Business Online"

- Responsible for consulting and planning for website renewal, content update direction (including interviews), and SEO/SEM strategy direction.

■ 2000 –

NEC Interchannel

Taro Gomi (Renowned picture book author) Word Encyclopedia CD-ROM – "Decorative Words"

- Responsible for content planning, specification design, development direction, art direction, and project management.

Urayasu City Museum – Permanent Exhibition Software

"Fisherman's Wisdom," "Scenery Reproduction," "Fisherman's Notebook," "Urayasu Quiz," "Local Attractions Tour," "Video Library"

- Responsible for content planning, specification design, development direction, art direction, and project management.

Ministry of Education, Culture, Sports, Science and Technology (MEXT) / National Institute of Multimedia Education

Inter-University CALL Educational CD-ROM

"Tokyo Accent," "Practice of Tokyo Accent," "Intermediate Chinese I"

- Responsible for specification design, development direction, still image photography, video production direction, art direction, and project management.

MEXT / National Institute of Multimedia Education

Inter-University CALL Educational CD-ROM

"Medical English," "Intermediate Chinese II," "History and Transition of Japanese Dialects," "Japanese Dialect Database"

- Responsible for specification design, development direction, scenario development, still image photography, video production direction, art direction, and project

management.

Sanrio / NEC Interchannel CD-ROM

“Hello Kitty’s Fun Life Studies – Outing Kitty Town”

- Responsible for content planning, specification design, development direction, art direction, and project management.

NTT DOCOMO Kansai

FOMA Promotional Exhibition Software “FOMA NAVI”

- Responsible for content planning, specification design, scenario development, development direction, art direction, and project management.

NTT East Japan – In-Store FLET’S Promotion Software

“FLET’S Forest”

- Responsible for content planning, specification design, scenario development, development direction, art direction, and project management.

MEXT – Advanced Science and Technology / Science Education Digital Content Development

“Circulatory System Mechanisms and Biomechanics”

- Responsible for content design, specification development, text writing, scenario development, development direction, and project management.

Toyota – Homi Training Center

Exhibition Software “Skills Hall of Fame” and “Training Guide”

- Responsible for specification design, development direction, art direction, partial development, and project management.

■1995 –

NHK Enterprises 21

“Multimedia Human Body – The Human Body I & II” CD-ROM

- Responsible for content planning, UI/UX design, specification design, development direction, art direction, and project management.

< Awards >

- The New York Festivals
 - Grand Award (Grand Prix)
 - Gold Medal: Education / Instructional
 - Gold Medal: Reference Resources
- European Multimedia Award – Education & Science Category Award
- AECT Award of Excellence – Award of Excellence

Citizen Watch Co., Ltd.

Watch Simulation Custom-Order CD-ROM “Tokei Kobo CREATION”

- Responsible for content planning, specification design, development direction, art direction, and project management.

Asaka City Museum

Permanent Exhibition Software

"Buddhist Statue Search," "River Transport Quiz," "Travel Sugoroku," "Tōjō Line Sugoroku," "Naruto Rekishikan (History Discovery Hall)"

- Responsible for content planning, specification design, text writing, scenario writing, development direction, art direction, and project management.

Hachioji Kitano Waste Heat Utilization Center Recycle Plaza

Permanent Exhibition Software

"Recycling Information Search," "Recycling Quiz," "Recycling Catcher"

- Responsible for content planning, specification design, text writing, development direction, art direction, and project management.

Hitachi, Ltd: Official digital content for a professional soccer team

Electronics Show – Hitachi Booth Exhibition Software

"Reysol Interactive"

- Responsible for content planning, specification design, art direction, development, and project management.

TOYOTA DUO Volkswagen

Corporate Website Development

- Responsible for content planning, scenario writing, specification design, development direction, art direction, and project management.

Gore-Tex Japan

20th Anniversary Presentation Conference System

- Responsible for system design, presentation scenario development, art direction, and project management.

Yamanashi Prefectural Museum

Exhibition Network Software

"Science Encyclopedia," "Universal Guardian"

- Responsible for content planning, scenario writing, specification design, text writing, development direction, and project management.

■ 1989 –

Apple Computer Japan (at the time)

"Dealer Training Manual"

- Responsible for design and DTP coding.

Apple Computer Japan (at the time)

"QuickTime Video β Sample CD-ROM"

- Responsible for programming, interface design, development direction, and project management.

NHK Educational TV

"People and Forests"

Japan's first interactive digital educational material integrating LaserDisc video and computer systems.

- Responsible for project management.

NHK General TV

“All-Time Request”

Involved in system development for a music request television program.

- Responsible for project management, interface specification design, interface design, and operations.

NHK Educational TV

“World Watching” and other TV program systems

- Responsible for system design, specification design, development, interface design, operations, and project management.

Japan Housing and Urban Development Corporation

Tama New Town 25th Anniversary Exhibition Multimedia Presentation System

- Responsible for content planning, system design, specification design, interface design, development, and project management.

Itabashi Tropical Environment Botanical Garden

High-Definition Edutainment Software “Pollinator-go”

- Responsible for content planning, scenario writing, specification design, development direction, art direction, and project management.

Toyota Motor Corporation

Toyota RAV4 Coordination Software

“TOYOTA RAV4 Personal Selection”

- Responsible for specification design, art direction, and project management.

Tokushima Bunka no Mori Comprehensive Park

Facility Information Terminal Software

- Responsible for content planning, specification design, development direction, text writing, art direction, still image production, and project management.

Lancôme

Makeup Product Color Simulation “Color Approach”

- Responsible for content planning, specification design, art direction, and project management.

Iwatsuki City

“Iwatsuki City Public Facility Information” System

- Responsible for content planning, specification design, text writing, development direction, art direction, and project management.

Japan Housing and Urban Development Corporation

“Tama New Town Vingt-Cinq” Video Presentation System

“Minato Mirai 21” Video Presentation System

“Tsukuba Community Hall” Information Retrieval System

- Responsible for system design, specification design, development direction, art direction, and project management.