

SAHA JEWEL KUMAR

Full Stack Developer

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[GitHub](#) • [LinkedIn](#) • [Portfolio](#)

SUMMARY

Full Stack Developer with 3+ years of hands-on experience building production-grade applications using React, Next.js, Node.js, and PostgreSQL. Specializes in real-time features, secure authentication, and scalable API design. Brings a rare blend of engineering-grade precision and modern web development expertise, shaped by a decade of professional experience solving real-world problems.

TECHNICAL SKILLS

Frontend: React, Next.js, Redux, TypeScript, JavaScript, Tailwind CSS, Material UI

Backend: Node.js, Express.js, Prisma, PostgreSQL, Mongoose, MongoDB, Firebase

Tools & DevOps: Git, Postman, Vercel, Stripe API, Pusher, Cloudinary, Zod

Others: Role-Based Access Control (RBAC), Authentication (JWT/NextAuth), Real-Time Systems, Internationalization (i18n), Payment Integration

PROJECTS

Mimamori (Family Caregiving & Monitoring Platform) | [Live Demo](#) | [GitHub](#)

A full-stack platform enabling families to remotely monitor and support elderly relatives through daily check-ins, medication tracking, and real-time communication.

- Built role-based permission system (Owner, Editor, Viewer) with granular family member access control
- Implemented QR-code passwordless check-in flow, allowing elderly users to log daily status without needing to log in
- Developed real-time family chat and emergency alert system using Pusher for instant push notifications across all devices
- Integrated medication reminder system with scheduled notifications and adherence history tracking

Tech Stack: Next.js 16, React 19, TypeScript, Prisma, PostgreSQL (Neon), NextAuth, Pusher, Tailwind CSS, Zod

Anshin Stay (Multi-Role Rental Application Platform) | [Live Demo](#) | [GitHub](#)

A rental application platform streamlining the housing process for tenants, property owners, and agents in Japan, with built-in guarantor verification.

- Designed a multi-role system (Tenant, Owner, Agent, Admin) with distinct dashboards and permission scopes for each role
- Built a multi-stage application approval workflow (Pending → Owner Approved → Guarantor Verified → Agent Verified → Completed)
- Implemented internationalization (next-intl) to support multiple languages, improving accessibility for foreign tenants
- Built type-safe forms using React Hook Form and Zod schema validation across all application steps

Tech Stack: Next.js 16, React 19, TypeScript, Prisma, PostgreSQL, NextAuth, Material UI, next-intl, React Hook Form, Zod

EXPERIENCE

Machine Operator — Kyowa Kurieito

Feb 2020 – Present

Maintaining full-time employment in the printing industry while dedicating evenings and weekends to mastering full-stack development.

Project-Based Full Stack Development (Self-Learning & Real-World Projects)

2023 – Present

- Built multiple full-stack web applications from scratch following industry-standard workflows
- Designed and implemented RESTful APIs integrated with modern frontend services
- Worked extensively with relational (Prisma + PostgreSQL) and NoSQL (MongoDB) databases
- Implemented secure authentication, protected routes, and role-based access control

EDUCATION

B.Sc. in Civil Engineering 2009 – 2013

Additional Training: Professional Web Development (Programming Hero | Level 1 & 2), 2024 – 2025

LANGUAGES

English — Intermediate | Japanese — Conversational (Daily Life & Workplace) | Bengali — Native