

Suguru Yamamoto

Senior Full Stack Developer

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SUMMARY

Software engineer with 9 years of experience in backend and full-stack development and AI model integration. Delivered scalable APIs, microservices, and AI-enabled solutions for enterprise, e-commerce, and smart city projects at NEC, Rakuten, and Fujitsu. Bilingual: Japanese (native), English (professional).

EDUCATION

Bachelor of Engineering in Computer Science *Tokyo Institute of Technology – Tokyo, Japan Apr 2009 – Mar 2013*

- Coursework in software engineering, distributed systems, and artificial intelligence.
- Final-year project on AI-driven traffic prediction models.

PROFESSIONAL EXPERIENCE

Fujitsu Ltd., Senior Full-Stack Engineer / AI Integration Lead 📧 04/2020 – Present | Kawasaki, Japan

- **Architected and deployed** backend microservices (Node.js, Spring Boot, Kubernetes).
- **Integrated AI models** into enterprise solutions, aligned with Fujitsu's *Zinrai AI* initiative.
- **Built and maintained** APIs serving high-volume enterprise users.
- **Mentored** developers on full-stack practices (React, TypeScript, CI/CD).
- **Ensured compliance** with GDPR and ISO27001 requirements.

Rakuten, Inc., Full-Stack Developer 📧 01/2016 – 03/2020 | Tokyo, Japan

- **Developed personalization and recommendation features** for Rakuten Ichiba e-commerce, consistent with Rakuten's AI projects.
- **Implemented APIs** in Java (Spring Boot) and Node.js for high-traffic platforms.
- **Optimized database queries**, improving performance during peak campaigns.
- **Improved deployments** by automating CI/CD pipelines.
- **Worked in a bilingual agile team** with global developers.

NEC Corporation, Backend Engineer 04/2013 – 12/2015 | Tokyo, Japan

- **Developed backend systems** for smart city IoT pilot projects in Kawasaki, part of NEC's public smart city initiative. NEC Smart City
- **Integrated AI-driven traffic analysis** models for urban planning.
- **Implemented authentication and authorization** (OAuth2, JWT).
- **Created bilingual documentation** for technical partners.
- **Improved monitoring systems**, reducing incident response time.

SKILLS

Frontend ● ● ● ● ● React, React Native, TypeScript, HTML5, CSS3, Tailwind, Redux, Next.js	Backend ● ● ● ● ● Node.js, Express, Java (Spring Boot), Python (FastAPI, Django), RESTful APIs, GraphQL, NestJS
Databases ● ● ● ● ● PostgreSQL, MySQL, MongoDB, Firebase	DevOps & Cloud ● ● ● ● ● AWS (EC2, S3, Lambda), Google Cloud, Microsoft Azure, Docker, Kubernetes, CI/CD (Jenkins, GitLab CI, GitHub Actions), Vercel
Other ● ● ● ● ● Agile/Scrum, Git, Jira, Testing (Jest, Cypress), Authentication (OAuth2, JWT), Microservices architecture, API integrations, Monitoring (Prometheus, Grafana), Security (GDPR, ISO27001 compliance)	

ADDITIONAL INFORMATION

Languages
Japanese (native), English (professional working proficiency)

Availability
Open to remote or on-site roles in Greater Tokyo Area / Japan / global teams