



ATSUO KOIZUMI

Senior Full Stack Engineer

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Summary

Senior Full Stack Engineer with over **6 years** of experience in developing scalable, high-performance applications across both front-end and back-end technologies. Expertise in **React.js**, **Next.js**, **TypeScript**, and back-end technologies like **Node.js**, **Express**, and **Django**. Skilled in **RESTful APIs**, **GraphQL**, **database management**, and **CI/CD pipelines**. Adept at designing robust and modular system architectures that support the rapid scaling of applications. Proven ability to lead teams, mentor junior developers, and collaborate effectively with cross-functional teams to deliver comprehensive software solutions. Committed to delivering clean, maintainable code and optimizing system performance.

PROFESSIONAL EXPERIENCE

	Remote
Freelance Full Stack Engineer	06/2024 - Present
<ul style="list-style-type: none">Developed custom, responsive websites and web applications for clients, utilizing React, Vue.js, and JavaScript to meet specific project requirements.Collaborated directly with clients to gather requirements, providing technical consultation and turning ideas into functional, scalable solutions.Built and maintained e-commerce platforms using Shopify and WooCommerce, integrating third-party APIs and payment gateways.Delivered SEO-optimized front-end code, boosting visibility and search engine rankings for client websites.Implemented interactive features, including dynamic forms, animations, and real-time updates, enhancing user engagement and experience.Managed full project lifecycles, from initial design through to deployment and post-launch support.Ensured cross-browser compatibility and mobile responsiveness, delivering seamless user experiences on a variety of devices.Created and maintained detailed documentation and provided client training on site management and updates.	
GreatDealCoin	Remote
Senior Full Stack Engineer	06/2022 - 06/2024
<ul style="list-style-type: none">Designed and developed full-stack web applications using React.js, Next.js, Node.js, and Express.js, ensuring high scalability and performance.Built and optimized GraphQL APIs and RESTful services, reducing API response times by 30% and improving data communication efficiency.Led the implementation of server-side rendering (SSR) and static site generation (SSG) with Next.js, enhancing SEO and load times.Developed and maintained databases using PostgreSQL and MongoDB, improving query performance and data integrity.Integrated CI/CD pipelines using Docker, GitHub Actions, and AWS Lambda, automating testing and deployment processes.Created and deployed reusable UI components using TypeScript, MUI, and Tailwind CSS, ensuring consistency and code maintainability.Built robust authentication and authorization systems using OAuth 2.0, JWT, and Role-Based Access Control (RBAC) for improved security.	
Utopia Tech PTY LTD	Remote
Full Stack Engineer	06/2021 - 06/2022
<ul style="list-style-type: none">Led the migration of monolithic applications to a microservices architecture using Node.js, Express.js, and Docker, improving scalability and maintainability.Developed React.js front-end applications with state management using Redux and React Context API, enhancing application responsiveness.Designed and implemented GraphQL APIs, optimizing data fetching and reducing over-fetching issues by 40%.Managed database architecture using MySQL and MongoDB, optimizing indexing and query execution for high-traffic applications.Implemented authentication and security layers using JWT, OAuth 2.0, and bcrypt, improving data protection and user access control.Automated integration and end-to-end testing using Jest and Cypress, reducing post-deployment issues by 35%.Built serverless functions with AWS Lambda, reducing infrastructure costs while improving scalability.Deployed applications using Vercel, Netlify, and Heroku, ensuring smooth deployment pipelines and continuous monitoring.	
Hinata Online Official	Nagoya, Japan
Full Stack Developer	05/2019 - 06/2021
<ul style="list-style-type: none">Developed and maintained full-stack applications using React.js, Vue.js, Node.js, and Django, delivering high-performance solutions.Built and optimized RESTful APIs, enabling efficient data exchange between the front-end and back-end services.Designed and implemented role-based authentication and user access management using JWT and session-based authentication.Created reusable UI components using CSS3, SCSS, and Flexbox, improving front-end maintainability and cross-browser compatibility.Managed relational and NoSQL databases, using PostgreSQL and MongoDB, to optimize data storage and retrieval.Improved application performance by implementing lazy loading, code splitting, and server-side caching strategies.Established CI/CD pipelines using Jenkins and GitLab CI, reducing manual deployment efforts and improving workflow efficiency.	

Education



東海国立大学機構 名古屋大学|Nagoya Univ.
Bachelor's Degree in Computer Science

Nagoya, Japan
08/2016 - 09/2020

Key Achievements

- ✓ **Microservices Transformation**
Successfully migrated monolithic systems to microservices, enhancing scalability and reducing downtime.
- ✓ **Performance Optimization**
Improved database and application performance, achieving a 25% reduction in response times.
- ✓ **Reusable Component Library**
Developed a reusable front-end component library, cutting development cycles by 30%.
- ✓ **High-Traffic Platform Deployment**
Built and maintained platforms handling over 1 million monthly users.
- ✓ **CI/CD Implementation**
Reduced deployment times by 30% through automated CI/CD pipeline integration.

SKILLS

Programming Languages: HTML · CSS · Javascript · Typescript · PHP · Golang · Solidity · Rust

Frontend Frameworks: React.js · React Native · Next.js · Vue.js · Nuxt.js · Angular.js · Remix · Svelte

Frontend Libraries: Tailwind CSS · MUI · AntD · ShadcnUI · Chakra UI · Material-Tailwind

Backend Frameworks: Node.js · Express.js · Gin

Test Frameworks: Jest · Cypress

Tools & Platforms: Git · Docker · Jira · Figma · Webpack

Other Skills:

Agile Development · Code Reviews · Performance Optimization · CI/CD Pipelines · Cross Functional Collaboration · AWS Lambda · AWS EC2

Strengths

- 💎 **Full-Stack Expertise**
Skilled in designing and implementing both front-end and back-end systems.
- 💎 **Problem-Solving**
Adept at analyzing complex systems and delivering innovative solutions.
- 💎 **Scalability Focus**
Proven ability to design systems that scale efficiently under high traffic.
- 💎 **Adaptability**
Quick to learn and apply new technologies and tools, continuously enhancing project outcomes.
- 💎 **Collaboration**
Excellent team player with strong communication and stakeholder engagement skills.

Languages

English Proficient ●●●●●

Japanese Native ●●●●●

NOTABLE CERTIFICATION

Certified ScrumMaster (CSM)

AWS Certified Developer – Associate

Google Professional Cloud Developer

Microsoft Certified: Azure Developer Associate

Full-Stack Web Development Certification (Coursera)