

Nakamura Kenta

Senior Software Engineer

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Profile

Dynamic Full-Stack Web Developer with over 8 years of experience crafting impactful, user-centric web applications across diverse industries. Proficiency in modern technologies such as MERN/MEVN stacks, PHP, Laravel and Python drives both frontend and backend excellence, and cloud migration, with hands-on experience in AI automation using GHL, Revenue and chatbot development using LLM, OpenAI APIs. Expertise in optimizing application performance and enhancing user experiences through innovative UI/UX design stands out. A strong collaborator within Agile teams, adept at implementing CI/CD workflows, ensures timely and efficient project delivery. Passionate about leveraging skills to create seamless digital experiences that resonate with users.

PROFESSIONAL EXPERIENCE

Full-stack Developer, Sourcenext 07/2017 – 05/2020 | Tokyo, Japan

- Developed and maintained robust MERN stack applications for a Marketing Automation System, resulting in a 30% average improvement in user satisfaction scores.
- Built efficient data models and optimized query performance using MongoDB, handling up to 1 million records daily without compromising performance.
- Led front-end development with React.js and Redux, implementing features such as dynamic content loading, real-time updates, and improved state management, reducing user churn by 20%.
- Developed backend RESTful APIs using Node.js and Express.js, improving overall API performance and reducing response times by 25%.
- Created and maintained automated testing suites with Jest and Mocha, leading to a 50% reduction in production bugs and increasing code stability.
- Implemented OAuth 2.0 and JWT for secure user authentication, reducing security vulnerabilities and ensuring data protection compliance.
- Enhanced continuous integration practices by integrating CircleCI and GitHub Actions, reducing integration time by 40% and increasing release cycles.

Software Engineer - Remote, Rakuten Inc 06/2020 – 05/2022 | Tokyo, Japan

- Developed and maintained Order Management System website with Next.js, resulting in a 35% improvement in SEO and faster initial page loads.
- Optimized PostgreSQL schemas and indexing strategies, leading to a 40% reduction in query times for high-traffic applications.
- Used Docker and Kubernetes to containerize applications and orchestrate deployments, reducing downtime during updates and increasing deployment frequency by 50%.
- Assisted implementation of Chatbot to enhance application functionality and user experience.
- Introduced performance monitoring tools (New Relic and Datadog) to proactively detect and resolve performance bottlenecks, improving application responsiveness by 25%.
- Coordinated cross-functional teams in an Agile environment, ensuring that sprint goals were met and maintaining high-quality standards across all deliverables.

Senior software engineer - Remote, GlobalTech 06/2022 – 10/2023 | Osaka, Japan

- Spearheaded the development of highly scalable and performance-optimized Patient Management System using the MERN stack, leading to a 30% reduction in page load times and a 25% increase in user engagement.
- Architected and deployed React.js-based front-end solutions, ensuring responsive and user-friendly interfaces, improving user satisfaction scores by 40%.
- Led the migration of a legacy monolithic application to a microservices architecture using Node.js and Express.js, improving scalability by 50% and reducing time-to-market for new features by 35%.
- Engineered RESTful APIs and integrated third-party services to improve system interoperability, decreasing response times by 20% and increasing API consumption rates by 15%.
- Leveraged MongoDB and Mongoose for data modeling and optimization, increasing database query performance by 30% for high-traffic applications.

- Collaborated with cross-functional teams in Agile environments to ensure seamless development cycles, achieving 100% sprint completion and maintaining a high velocity.
- Implemented CI/CD pipelines with Jenkins and AWS, reducing deployment times by 40% and ensuring continuous delivery with minimal downtime.
- Applied industry-leading security practices, resulting in a 50% reduction in vulnerabilities and ensuring compliance with OWASP standards.

Senior Software engineer - Remote, TAMARIBA

11/2023 – 10/2025 | Tokyo, Japan

- Developed and maintained a Hospital Management System website with the MERN stack, cutting down page load time by 25% and enhancing the user experience.
- Utilized MongoDB to build efficient data storage solutions, optimizing query performance and reducing database overhead by 15%.
- Deployed applications to AWS and Heroku, ensuring high availability and redundancy, resulting in 99.9%.
- Implemented Chatbot to enhance application functionality and user experience.
- Implemented unit and integration tests using Jest and Mocha, improving overall code quality and achieving 90% test coverage.
- Implemented GraphQL for flexible and efficient data querying, reducing the average response time of complex queries by 30%.

SKILLS

Frontend Development: React.js, Vue.js, Tailwind CSS, JavaScript, TypeScript, HTML, CSS

Backend Development: Express.js, Next.js, Node.js, Python, PHP, Laravel, WebSocket, GraphQL, Go

Databases: MySQL, Postgre SQL, MongoDB, Cassandra

Could & DevOps: AWS, CI/CD, Jenkins, Docker, Kubernetes

AI & Chatbot Tools: OpenAI API, ChatGPT integration, LLM, GHL, ML

Software engineering: Agile, SDLC, Test-Driven Development, Software Testing

Education

Bachelor of Science, *Tokyo Institute of Information Technology*
Computer Science

09/2013 – 06/2017 | Tokyo