NAO TERANISHI
BACKEND ENGINEER, DEVOPS ENGINEER

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SUMMARY

Backend engineer with 2.5 years of experience in developing REST APIs and infrastructure for an e-commerce site. Particularly skilled in PHP and AWS, with broad exposure to front-end and infrastructure tasks, demonstrating a strong curiosity and passion for technology. Experienced in the full software development lifecycle, from development and testing to release. Proven ability to collaborate with cross-functional teams, including sales teams and designers, to complete projects.

PROFESSIONAL EXPERIENCE

RECOCHOKU CO., LTD.   Tokyo, Japan
Backend Engineer   April 2022 - June 2024
- Developed and optimized REST APIs using CakePHP, implementing over 50 improvements and new features.
- Reduced the number of lock wait sessions by 70% through architecture changes, and SQL tuning during spikes.
- Experienced in setting up environments using AWS, developing, deploying, and monitoring with containers across multiple projects, including utilizing over 10 AWS services.
- Mentored 8 graduates, achieving a 100% success rate on a complex, Twitter-like project, despite their initial lack of programming experience.
- Contributed to both large and small-scale Scrum projects as a developer, including a team with 60 developers.

PROJECTS

E-COMMERCE PLATFORM FOR RECORD LABELS   April 2022 - May 2024
Backend Engineer
- Modified test scenario using JMeter, increasing requests from 1 to 12 by analyzing user actions. Parameterized all necessary information for the requests, resulting in a 20% reduction in task time.
- Identified bottleneck SQL queries. Reviewed and revised the payment flow to reduce lock occurrences, negotiated service specifications with the business team, and implemented changes that led to a 4-fold increase in transactions per second.
- Developed and executed migration batches for 10,000 users.

RECRUITMENT WEBSITE   July 2023 - October 2023
Full-stack Engineer
- Developed over 10 responsive designing pages in 3 months for a full website renewal, which was outsourced and resulted in an 85% reduction in monthly operational costs.

VOLUNTEER

CAREER PATHWAY INSTITUTE   Austin, TX, USA
DevOps Engineer   July 2024 - Present
- Led DevOps operations for a volunteer recruitment site at a NPO supporting the employment of foreign nationals in the United States. Overhauled developer documentation and onboarding processes, resulting in a 50% reduction in the time required for new developers to set up their environments.

EDUCATION

TOKYO UNIVERSITY OF FOREIGN STUDIES   Tokyo, Japan
Bachelor of Language and Area Studies   March 2022

CERTIFICATIONS

FUNDAMENTAL INFORMATION TECHNOLOGY ENGINEER EXAMINATION   Japan
National certification verifying foundational IT and computer science skills.

SKILLS AND INTERESTS

- **Programming Languages:** PHP (Intermediate), CakePHP (Intermediate), HTML/CSS (Sass) (Intermediate), Bootstrap (Intermediate), JavaScript (Intermediate), Vue.js (Beginner), Python (Beginner), WordPress (Beginner)
- **Infrastructure**: AWS (Intermediate), UNIX/Linux (Intermediate), nginx (Intermediate)
- **DB**: MySQL (Intermediate), DynamoDB (Intermediate), Redis (Beginner)
- **Other:** Git, GitHub (Intermediate), GitHub Actions(Intermediate), Jenkins (Intermediate), JMeter (Intermediate), Docker(Intermediate), Swagger, Agile(Intermediate), Jira/Confluence (Intermediate), WordPress(Intermediate)