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SUMMARY

New-Graduate Software Engineer with a strong foundation in Backend development and microservice architecture, eager to apply theoretical knowledge in a real-world setting and contribute to innovative projects.

EXPERIENCE

Backend Developer Intern *VantaLabs, Summer 2022*

- Designed and implemented a scalable API gateway using Node.js and Express.js
- Collaborated with the frontend team to integrate the API with a React-based web application
- Improved code quality by implementing automated testing using Jest and enforcing coding standards with ESLint
- In a situation where the team was struggling to meet a tight deadline, I took the initiative to refactor a critical component, which resulted in a 30% reduction in deployment time and ensured the project's timely completion

PROJECTS

Microservice E-commerce Platform *Personal Project, 2022*

- Built a cloud-native e-commerce platform using a microservice architecture, with services written in Java and Python
- Implemented containerization using Docker and orchestrated the services using Kubernetes
- Achieved a significant reduction in latency by optimizing database queries and implementing caching using Redis
- When faced with the challenge of ensuring seamless communication between services, I designed and implemented a service discovery mechanism using etcd, which improved the overall system's resilience and scalability

TECHNICAL SKILLS

TECHNICAL SKILLS Languages: Java, Python, JavaScript Frameworks: Spring Boot, Express.js, React Cloud: AWS, GCP, Azure Tools: Git, Docker, Kubernetes, Jenkins Databases: MySQL, PostgreSQL, MongoDB OS: Windows, Linux, macOS

EDUCATION

Master of Science in Computer Science, Stanford University, 2022 GPA: 3.9/4.0 Relevant Courses: Distributed Systems, Microservice Architecture, Cloud Computing, Machine Learning Thesis: "Design and Implementation of a Scalable Microservice Architecture for E-commerce Applications"