Ethan Martinez

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Summary

Software Engineer with one year of dedicated experience in designing and building high-performance, scalable APIs using Python and FastAPI. Adept at managing PostgreSQL databases and implementing robust CI/CD pipelines. Proficient in deploying and orchestrating containerized applications on AWS using Docker and Kubernetes.

Experience

Backend Engineer | ScaleUp Technologies | July 2024 - Present

- Engineered and deployed microservices using Python, FastAPI, and Docker.
- Managed application deployment and scaling using Kubernetes on AWS (EKS).
- Optimized SQL queries and database performance for a high-traffic PostgreSQL database.
- Implemented and maintained a CI/CD pipeline with GitLab CI, reducing deployment time by 30%.
- Conducted regular code reviews to enforce best practices and ensure high-quality code.
- Worked in an Agile environment, collaborating with product managers and frontend developers.

Education

Bachelor of Science in Computer Science | Metropolitan University | 2024

Skills

- **Languages:** Python, SQL
- **Frameworks:** FastAPI
- **Databases:** PostgreSQL
- **Cloud/DevOps:** AWS, Docker, Kubernetes, CI/CD, Terraform
- **Version Control:** Git, GitLab
- **Methodologies:** Agile, Scrum