Sarah Martin

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Location: Seanhaven

Summary

Innovative and detail-oriented software engineer with over 5 years of experience specializing in back-end development and cloud solutions. Proven expertise in Python and Go, with a strong command of frameworks such as FastAPI and Flask. Adept at designing scalable applications and deploying them in Kubernetes environments. Passionate about developing efficient, high-performance systems and continuously learning new technologies.

Experience

Senior Software Engineer

Tech Innovators Inc., Seanhaven
June 2021 - Present
- Led a team of 5 developers in creating a **Machine Learning Pipeline** that improved predictive accuracy by 30% for client's data analytics platform. - Developed RESTful APIs using **FastAPI** and **Flask**, ensuring seamless integration with front-end applications. - Implemented container orchestration with **Kubernetes**, reducing deployment times by 50% and improving system reliability. - Collaborated with cross-functional teams to enhance existing systems, resulting in a 25% increase in user satisfaction scores.

Software Developer

NextGen Solutions, Seanhaven
January 2018 - May 2021
- Designed and implemented an **E-commerce Platform** that handled over 10,000 transactions monthly, utilizing **Django** and **MySQL**. - Contributed to the development of a **Payment Processing System**, enhancing security features and reducing transaction failures by 15%. - Worked closely with UX/UI designers to build a responsive **Mobile App**, achieving a 4.8 rating on app stores through user-friendly design and performance optimization.

Skills

- **Python:** Expert
- **Go:** Expert
- **FastAPI:** Expert
- **Django:** Intermediate
- **PostgreSQL:** Beginner
- **MySQL:** Expert
- **Kubernetes:** Advanced
- **Flask:** Beginner
- **React:** Advanced

Projects

- **Machine Learning Pipeline**: Developed an end-to-end machine learning solution that processed large datasets, integrating with AWS services for storage and computation.
- **Mobile App**: Led the development of a cross-platform mobile application that increased user engagement by 40% through personalized content recommendations.
- **Payment Processing System**: Architected a secure payment system that reduced transaction times by 30% while ensuring compliance with PCI standards.

- **E-commerce Platform**: Created a robust e-commerce platform that improved sales conversion rates through enhanced user experience and strategic A/B testing.

Certifications

- **Google Cloud Professional**: Certified in cloud architecture and solutions design.
- **Certified Kubernetes Administrator**: Proficient in managing Kubernetes clusters and ensuring application availability.
- **Scrum Master Certification**: Skilled in agile methodologies and team leadership, ensuring project delivery within deadlines.

Education

Bachelor of Science in Computer Science
Seanhaven University, Seanhaven
Graduated: May 2017
- Graduated with Honors, focusing on software engineering and data structures.
- Completed coursework in Machine Learning and Cloud Computing, receiving top grades in both subjects.

Interests

In my spare time, I enjoy contributing to open-source projects, exploring new programming languages, and participating in local tech meetups. I also have a keen interest in machine learning and its applications in real-world scenarios.