Eric Flores

Cruzburgh
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Summary

Highly skilled and motivated programmer with extensive experience in developing robust microservices and high-performance applications. Proficient in a variety of programming languages and frameworks, with a strong focus on delivering scalable solutions. Passionate about leveraging technology to solve complex problems and enhance user experiences. Seeking to contribute innovative ideas and technical expertise to a forward-thinking organization.

Experience

Senior Software Engineer

Tech Innovations Inc. – Cruzburgh, CA
January 2021 - Present

- Lead the design and development of a **Microservices Architecture** that improved system scalability by **40%**, enabling seamless integration of various services.
- Collaborated with cross-functional teams to develop an **E-commerce Platform** that increased sales by **30%** in the first quarter post-launch.
- Implemented a **Machine Learning Pipeline** for predictive analytics, reducing processing time by **50%** through optimized data handling.

Software Developer

NextGen Solutions – Cruzburgh, CA
June 2018 - December 2020

- Developed a **Web Application** using **FastAPI** and **Django**, enhancing user engagement by **25%** through improved performance and user interface design.
- Created a **Data Analytics Dashboard** that provided real-time insights, leading to more informed decision-making for stakeholders.
- Maintained and optimized database systems, achieving a **99.9% uptime** with **MySQL**.

Skills

- **Microservices**: Expert
- **Redis**: Advanced
- **C++**: Advanced
- **MySQL**: Expert
- **FastAPI**: Intermediate
- **Django**: Intermediate

Projects

- **Microservices Architecture**: Spearheaded the development of a microservices-based solution for a large-scale application, resulting in improved deployment times and reduced service downtime.

- **E-commerce Platform**: Designed and implemented a feature-rich e-commerce platform with integrated payment gateways and user authentication, achieving a user satisfaction score of **95%**.

- **Machine Learning Pipeline**: Built a scalable machine learning pipeline that automated data processing and model training, significantly speeding up the deployment of machine learning models.

- **Data Analytics Dashboard**: Developed an intuitive dashboard that visualized key performance indicators, allowing management to track business metrics at a glance.

- **Web Application**: Created a responsive web application that streamlined user interactions and improved overall user experience, contributing to a **40%** increase in user retention.

Certifications

- **Google Cloud Professional** – Acquired in March 2022

Education

Bachelor of Science in Computer Science
University of Cruzburgh – Cruzburgh, CA
Graduated May 2018

- Completed coursework in Software Engineering, Database Management, and Cloud Computing.
- Participated in university hackathons, achieving 1st place in the annual coding competition.

References

Available upon request.