Veronica Cobb

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Location: Leonfurt

Summary

Passionate and results-driven software engineer with over 5 years of experience in developing scalable web applications and microservices. Proficient in leveraging modern technologies to create efficient systems, with a special focus on Python and front-end frameworks. Adept at collaborating with cross-functional teams to deliver high-quality solutions on time.

Experience

Software Engineer

Tech Innovations Inc.
Leonfurt, Germany
January 2020 - Present

- Developed and maintained a **Real-time Chat System** using **FastAPI** and **WebSocket**, improving user engagement by 30%.
- Led the implementation of a **Microservices Architecture** that reduced deployment times by 50% and improved system reliability.
- Collaborated with UI/UX designers to create user-friendly interfaces using **React** and **Vue.js**, resulting in a 20% increase in customer satisfaction scores.
- Utilized **Docker** for containerization, streamlining the deployment process across development and production environments.

Web Solutions LLC
Leonfurt, Germany
June 2017 - December 2019

- Designed and developed a robust **API Gateway** that integrated multiple services, enhancing system performance by 40%.
- Implemented backend services using **Flask** and **PostgreSQL**, ensuring data integrity and optimized query performance.
- Improved application performance by 25% through effective caching strategies with **Redis**.
- Actively participated in Agile ceremonies and contributed to sprint planning as a **Scrum Master**, promoting team collaboration and accountability.

Skills

- **Python:** Advanced
- **FastAPI:** Expert
- **Flask:** Intermediate
- **Redis:** Advanced
- **React:** Advanced
- **Vue.js:** Advanced
- **PostgreSQL:** Expert
- **Docker:** Intermediate

Projects

API Gateway

- Developed a centralized API gateway using **FastAPI** that managed traffic for multiple microservices, significantly improving response times and system robustness.

Web Application

- Created a full-stack web application for a local business, integrating an intuitive frontend with **React** and a **PostgreSQL** backend, leading to a 40% increase in user engagement.

Real-time Chat System

- Designed a real-time chat application utilizing **FastAPI** and **WebSocket**, achieving a seamless user experience and reducing latency by 15%.

Microservices Architecture

- Transitioned a monolithic application to a microservices architecture, enhancing scalability and maintainability, which led to a 50% reduction in downtime.

Certifications

- **Google Cloud Professional**
- **Scrum Master Certification**
- **Certified Kubernetes Administrator**

Education

Bachelor of Science in Computer Science
University of Leonfurt
Leonfurt, Germany
Graduated: May 2017

References

Available upon request.