Tara Ferguson

Email: wilsonzachary@example.net
Location: Nairobi, Kenya

Summary

Passionate and results-driven software developer with over 5 years of experience in building scalable applications and working with modern technologies. A strong advocate for agile methodologies and continuous integration/continuous deployment (CI/CD) practices. Proven track record in delivering high-quality software solutions that enhance user experience and drive business success. Committed to lifelong learning and staying updated with the latest industry trends.

Experience

Software Engineer

Tech Innovations Ltd, Nairobi, Kenya
June 2021 - Present
- Led a team of developers in the design and implementation of a **Microservices Architecture** for a high-traffic e-commerce platform, resulting in a 30% decrease in system downtime. - Developed a **Real-time Chat System** using Java and WebSockets, enhancing customer engagement and reducing response time by 50%.
- Spearheaded the migration of legacy systems to **Kubernetes**, improving deployment speed by 40% and reducing resource costs.

Junior Software Developer

Creative Solutions Inc, Nairobi, Kenya
January 2019 - May 2021
- Contributed to the development of a **Payment Processing System** that handled

over 1 million transactions per month with a 99.9% uptime. - Collaborated with cross-functional teams to implement a **Machine Learning Pipeline** that improved data analysis efficiency by 25%. - Assisted in the development of a **Content Management System** using Flask, resulting in improved content delivery times and user satisfaction.

Skills

- **Go:** Advanced
- **Kubernetes:** Expert
- **Java:** Expert
- **Jenkins:** Intermediate
- **C++:** Intermediate
- **PostgreSQL:** Intermediate
- **MySQL:** Intermediate
- **Flask:** Intermediate
- **FastAPI:** Intermediate
- **DevOps:** Intermediate
- **JavaScript:** Intermediate
- **Angular:** Intermediate

Projects

- **Machine Learning Pipeline**
  Developed a robust pipeline to automate data processing and model training, leading to a 25% increase in predictive accuracy.

- **Payment Processing System**
  Engineered a secure payment gateway that processed over 1 million transactions monthly, achieving a 99.9% reliability rate.

- **Microservices Architecture**
  Designed a microservices-based solution for an e-commerce platform, improving scalability and system resilience.

- **Real-time Chat System**
  Created a chat application using Java and WebSockets, facilitating real-time communication and increasing user engagement by 50%.

- **Content Management System**
  Developed a user-friendly CMS with Flask, significantly enhancing content management efficiency for non-technical users.

Education

Bachelor of Science in Computer Science
University of Nairobi, Nairobi, Kenya
Graduated: December 2018

Certifications

- **Scrum Master Certification**
- **Certified Kubernetes Administrator**

References

Available upon request.