

Andrew Pena

Email: franklinperry@example.org

Location: Meganton

Summary

Passionate and results-driven software developer with over 7 years of experience in building scalable applications and optimizing system performance. Proficient in a wide range of programming languages and frameworks, with a strong focus on cloud computing and machine learning. Known for delivering high-quality solutions on time and maintaining effective communication with cross-functional teams.

Experience

Senior Software Engineer

Tech Innovations Inc. - Meganton, WA

January 2020 - Present

- Led the development of an **E-commerce Platform** that increased sales by 30% within the first year, utilizing FastAPI and PostgreSQL for backend services.
- Architected a **Microservices Architecture** that improved system scalability by 50%, enhancing user experience and reducing page load time to under 2 seconds.
- Spearheaded the implementation of an **API Gateway** to streamline communication between services, resulting in a 40% reduction in response time.

Software Developer

NextGen Solutions - Meganton, WA

June 2016 - December 2019

- Developed and maintained several web applications using **Angular** and **Flask**, improving user engagement metrics by 25%.
- Collaborated with data scientists to

implement machine learning algorithms that boosted predictive accuracy by 15%. - Contributed to the migration of legacy systems to AWS, ensuring a seamless transition and achieving a 20% reduction in operational costs.

Skills

- **PostgreSQL:** Advanced
 - **FastAPI:** Expert
 - **Angular:** Intermediate
 - **C++:** Beginner
 - **Rust:** Advanced
 - **Machine Learning:** Expert
 - **Go:** Intermediate
 - **Python:** Intermediate
 - **AWS:** Expert
 - **Redis:** Expert
 - **TypeScript:** Expert
 - **Flask:** Advanced
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Projects

- **E-commerce Platform**

Developed a full-stack e-commerce application with a microservices architecture, which supports thousands of concurrent users and integrates seamlessly with payment gateways and inventory management.

- **Microservices Architecture**

Designed and implemented a microservices architecture for a large-scale application, improving deployment times by 60% and enabling independent service scaling.

- **API Gateway**

Created an API Gateway that served as a single entry point for multiple services, enhancing security and simplifying API management for developers.

Certifications

- Microsoft Azure Developer
 - AWS Certified Solutions Architect
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Education

Bachelor of Science in Computer Science

University of Meganton - Meganton, WA

Graduated: May 2016

- Graduated with honors, focusing on software engineering and cloud computing technologies.
 - Completed a capstone project on predictive analytics using machine learning, which received recognition from faculty for its innovation and practical application.
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Personal Interests

- Active contributor to open-source projects on GitHub, focusing on improving tools for developers.
 - Enthusiastic about attending hackathons and tech meetups to exchange knowledge and foster community collaboration.
 - Avid reader of technology blogs and research papers on artificial intelligence and cloud solutions.
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