Donna Parker

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Location: North Jacob

Summary

Innovative and results-driven programmer with over 5 years of experience in developing scalable web applications and microservices. Proficient in leveraging a diverse skill set to deliver high-quality software solutions. Strong background in cloud technologies and backend development, aiming to contribute to dynamic and challenging projects.

Experience

Software Engineer

Tech Innovations Inc. - North Jacob
January 2021 - Present
- Developed and maintained a **Payment Processing System** that improved transaction speed by 30%, utilizing **FastAPI** and **Redis** for optimized performance. - Led a team in creating an **API Gateway** for internal services, which streamlined communication between microservices and reduced latency by 25%. - Implemented CI/CD pipelines using **Jenkins**, enhancing deployment efficiency and reducing downtime by 15%.

Backend Developer

NextGen Solutions - North Jacob
June 2018 - December 2020
- Collaborated on a **Microservices Architecture** project, successfully migrating legacy systems to a more modular design, leading to a 40% increase in system

reliability. - Designed RESTful APIs using **Flask** and **MongoDB**, achieving a 50% reduction in data retrieval times. - Integrated **AWS** services to improve application scalability and manageability, including EC2 and S3.

Junior Developer

WebWave Technologies - North Jacob
January 2017 - May 2018
- Assisted in developing a **Mobile App** that received a 4.8-star rating on app stores, focusing on user experience and performance. - Participated in code reviews and collaborated with senior developers to enhance skills in **JavaScript** and **Git**.

Skills

- **JavaScript**: Intermediate
- **FastAPI**: Advanced
- **AWS**: Intermediate
- **Redis**: Advanced
- **Rust**: Beginner
- **MongoDB**: Intermediate
- **React**: Beginner
- **Jenkins**: Expert
- **Git**: Advanced
- **Flask**: Expert

Projects

Microservices Architecture

- Spearheaded the design and implementation of a microservices architecture for a large-scale e-commerce platform, resulting in improved scalability and reduced downtime.

Mobile App

- Developed a cross-platform mobile application that enhanced customer engagement, leading to a 20% increase in user retention.

API Gateway

- Created a robust API Gateway that consolidated multiple service endpoints, simplifying the client-side integration process.

Payment Processing System

- Engineered a secure payment processing system using FastAPI and Redis, facilitating seamless financial transactions with enhanced security measures.

Education

Bachelor of Science in Computer Science
North Jacob University - North Jacob
Graduated May 2016
- Achieved a GPA of 3.8/4.0, with a focus on Software Development and Cloud Computing.

Certifications

- **AWS Certified Solutions Architect – Associate**
- **Certified Jenkins Engineer**
- **MongoDB Certified Developer**

Personal Interests

- Passionate about contributing to open-source projects and staying updated with the latest technologies in software development.
- Enjoys participating in hackathons and coding competitions to challenge skills and collaborate with other developers.