Monica Morgan

Email: psmith@example.org
Location: New Elizabeth

Summary

Dynamic and detail-oriented software developer with over 5 years of experience in designing and implementing robust software solutions. Proven expertise in C++ and microservices architecture, combined with a solid foundation in machine learning and database management using PostgreSQL. Passionate about leveraging technology to solve complex problems and enhance user experiences.

Experience

Software Engineer

Tech Innovations Inc., New Elizabeth
June 2020 - Present
- Led the development of a microservices-based e-commerce platform, resulting in a 30% increase in transaction speed and a 25% reduction in server costs. - Designed and implemented a **Machine Learning Pipeline** for real-time data processing, improving predictive analytics accuracy by 40%. - Collaborated with cross-functional teams to adopt Agile methodologies, enhancing project delivery timelines by 15%.

Junior Developer

NextGen Solutions, New Elizabeth
January 2018 - May 2020
- Contributed to the development of various applications using C++ and Python, focusing on performance optimization and scalability. - Assisted in the migration of legacy systems to PostgreSQL, improving data retrieval speeds by 50%. -

Participated in code reviews and debugging sessions, fostering a culture of quality and continuous improvement.

Skills

- **C++ (Expert)**: Extensive experience in developing high-performance applications and algorithms.
- **Microservices (Expert)**: Proficient in designing and deploying microservices architectures for scalable applications.
- **PostgreSQL (Intermediate)**: Skilled in database design, optimization, and management, with a focus on query performance.
- **Machine Learning (Intermediate)**: Knowledgeable in implementing machine learning algorithms and data preprocessing techniques.
- **Rust (Intermediate)**: Familiar with Rust programming for systems-level development, focusing on safety and concurrency.

Projects

Machine Learning Pipeline

- Developed a comprehensive pipeline that processes large datasets for training machine learning models, enabling the team to deploy models in production efficiently. Utilized Python and various libraries such as TensorFlow and Scikit-learn.

E-commerce Platform

- Spearheaded the architecture and development of an e-commerce platform using microservices, which supports over 10,000 concurrent users and integrates payment gateways and inventory management systems.

Certifications

- **Scrum Master Certification**: Certified by Scrum Alliance, emphasizing Agile project management and team collaboration.
- **Docker Certified Associate**: Validated skills in containerization and orchestration, enhancing deployment efficiencies.

Education

Bachelor of Science in Computer Science
University of New Elizabeth
Graduated: May 2017
- Relevant Coursework: Data Structures, Algorithms, Machine Learning, Software Engineering.

Additional Information

- Passionate about contributing to open-source projects and frequently participate in hackathons to enhance coding skills.
- Active member of the local tech community, regularly attending meetups and workshops to stay updated with industry trends.