

Amanda Smith

Email: msantana@example.net

Location: New Elizabethview

Summary

Motivated and detail-oriented programmer with over 5 years of experience in software development and data analytics. Proven ability to deliver high-quality solutions in complex environments, utilizing advanced skills in Python, AWS, and MySQL. Passionate about leveraging technology to solve real-world problems and enhance operational efficiency.

Skills

- **MySQL (Advanced):** Expert in database design, optimization, and complex query writing, leading to a 30% increase in application performance.
 - **Python (Advanced):** Developed multiple applications and scripts that improved data processing times by up to 40%.
 - **Kubernetes (Advanced):** Managed container orchestration for production environments, improving deployment efficiency and system reliability.
 - **AWS (Advanced):** Designed and implemented cloud architectures that reduced infrastructure costs by 25% through effective resource management.
 - **Go (Intermediate):** Contributed to backend development of microservices, enhancing system scalability and maintainability.
 - **Redis (Beginner):** Familiar with caching strategies and basic data structures to improve application response times.
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Experience

Software Engineer

Tech Innovations Inc., New Elizabethview

June 2019 - Present

- Spearheaded the development of a **Data Analytics Dashboard**, which provided real-time insights, improving decision-making processes for the management team by 50%.
- Collaborated with cross-functional teams to enhance an **E-commerce Platform**, leading to a 20% increase in user engagement through optimized UX/UI design.
- Led a project on a **Payment Processing System**, integrating secure payment gateways that resulted in a 15% decrease in transaction failures.

Junior Developer

NextGen Solutions, New Elizabethview

January 2017 - May 2019

- Assisted in the creation of a **Machine Learning Pipeline** that automated data preprocessing, significantly reducing manual workload and improving model training times by 35%.
- Enhanced system performance and user experience through efficient SQL queries and database optimizations.

Projects

- **Data Analytics Dashboard:** Designed an interactive dashboard using Python and MySQL, enabling stakeholders to visualize data trends and key metrics in real time.
 - **E-commerce Platform:** Played a pivotal role in optimizing site performance and implementing new features, resulting in a 25% increase in sales conversions.
 - **Payment Processing System:** Developed a secure and reliable payment processing solution that integrated with multiple payment gateways, ensuring compliance with industry standards.
 - **Machine Learning Pipeline:** Created a streamlined pipeline for model training and evaluation, which improved the accuracy of predictive analytics by 20%.
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Education

Bachelor of Science in Computer Science

University of New Elizabethview

Graduated: May 2016

- Relevant Coursework: Data Structures, Database Management, Cloud Computing, Machine Learning

Certifications

- **AWS Certified Solutions Architect - Associate**
 - **Certified Kubernetes Administrator (CKA)**
 - **Data Science Professional Certificate** - Coursera
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Additional Information

- Passionate about contributing to open-source projects and actively participate in local tech meetups.
- Enthusiastic about continuous learning and currently exploring advanced topics in machine learning and cloud-native applications.