

Amy Rodriguez

Email: zpope@example.org

Location: Rodriguezborough

Summary

Results-driven programmer with over 5 years of experience in software development and a strong focus on building scalable web applications and microservices.

Proficient in leveraging modern technologies like Flask, Docker, and Node.js to deliver high-quality solutions. Passionate about utilizing machine learning to drive insights and improve systems, with a keen interest in DevOps practices to streamline development workflows.

Experience

Software Engineer

Tech Innovations Inc.

Rodriguezborough, TX

June 2020 - Present

- Developed a **Web Application** using **Flask** and **Docker**, improving user engagement by 25% through an intuitive interface and optimized performance.
- Designed and implemented a **Payment Processing System** that handled over \$1 million in transactions per month, utilizing **Redis** for caching and session management.
- Spearheaded the migration of legacy systems to a **Microservices Architecture**, reducing deployment times by 40% and enhancing system reliability.

- Collaborated with cross-functional teams in an Agile environment, leading to a 30% increase in project delivery speed.

Junior Developer

Bright Future Solutions

Rodriguezborough, TX

January 2018 - May 2020

- Assisted in the development of a **Machine Learning Pipeline**, improving data processing time by 15% using **Python** and **Jenkins** for CI/CD integration.
 - Contributed to the development of internal tools using **Node.js**, leading to enhanced productivity across teams.
 - Gained hands-on experience in **DevOps**, managing deployment processes and automating workflows, which reduced manual errors by 20%.
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Skills

- **Flask:** Expert
 - **Docker:** Expert
 - **Node.js:** Advanced
 - **FastAPI:** Advanced
 - **Redis:** Advanced
 - **Machine Learning:** Intermediate
 - **DevOps:** Intermediate
 - **Jenkins:** Intermediate
 - **Data Science:** Intermediate
 - **Python:** Beginner
 - **Microservices:** Intermediate
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Projects

- **Web Application:** Developed a user-friendly web app for an e-commerce platform that integrated with various payment gateways, achieving a 15% increase in sales within the first quarter post-launch.

- **Payment Processing System:** Engineered a secure payment processing system that supports multiple currencies, reducing transaction times by 30%.
 - **Machine Learning Pipeline:** Created a pipeline for predictive analytics that processes large datasets, improving forecast accuracy by 20%.
 - **Microservices Architecture:** Led the transition of a monolithic application to a microservices architecture, improving system scalability and reducing downtime by 50%.
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Certifications

- **AWS Certified Solutions Architect**

Issued: September 2023

Education

Bachelor of Science in Computer Science

Rodriguezborough University

Rodriguezborough, TX

Graduated: May 2017

- Relevant Coursework: Software Development, Data Structures and Algorithms, Machine Learning, Web Technologies
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Additional Information

- Passionate about contributing to open-source projects and continuously enhancing technical skills through online courses and workshops.
- Active member of local tech meetups and coding bootcamps, fostering community engagement and knowledge sharing.