Amanda Rivas

Email: lhodges@example.com
Location: New Emilychester

Summary

Detail-oriented programmer with a passion for software development and a knack for solving complex problems. Experienced in building scalable applications and contributing to innovative projects. Proficient in C++ and Python, with a solid foundation in TypeScript, and eager to expand expertise in Go and Java. A team player who thrives in collaborative environments and is committed to continuous learning.

Experience

Software Developer

Tech Innovations Inc. - New Emilychester, NY
June 2021 - Present
- Developed a **Microservices Architecture** that improved system scalability by 30%, allowing for better resource allocation and reduced downtime. - Collaborated with data scientists to implement a **Machine Learning Pipeline** that automated data processing, decreasing data analysis time by 40%. - Led a team of developers in creating a **Web Application** using Python and TypeScript, enhancing user experience and increasing customer engagement by 25%. - Designed and implemented an **API Gateway** that streamlined communication between microservices, improving response times by 20%.

Junior Developer

NextGen Solutions - New Emilychester, NY
January 2020 - May 2021
- Assisted in the development of web applications using **C++** and **Java**, contributing to code reviews and ensuring adherence to best practices. - Participated in weekly sprint meetings, fostering a collaborative approach to project management and agile development. - Developed and maintained documentation for existing applications, enhancing knowledge sharing within the team.

Skills

- **C++:** Advanced
- **Python:** Intermediate
- **TypeScript:** Intermediate
- **Go:** Beginner
- **Java:** Beginner

Projects

- **Microservices Architecture:** Designed and implemented a robust microservices system for scalable applications, utilizing Docker and Kubernetes for containerization and orchestration.

- **Machine Learning Pipeline:** Collaborated on a project that integrated various machine learning models into a cohesive pipeline, significantly improving data processing efficiency.

- **Web Application:** Developed a user-friendly web application that supports real-time data visualization, utilizing Python Flask and TypeScript for the frontend.

- **API Gateway:** Created an API Gateway to manage service requests, facilitating secure and efficient interactions between different microservices.

Education

Bachelor of Science in Computer Science
New Emilychester University
Graduated: May 2019
- Relevant Coursework: Data Structures, Algorithms, Software Engineering, Machine Learning
- Projects: Developed a capstone project on creating a game engine in C++, which received high praise during the university's technology showcase.

Certifications

- **Certified Python Programmer** - Python Institute, 2020
- **C++ Certified Associate Programmer** - C++ Institute, 2021

Additional Information

- Passionate about open-source contributions and regularly participate in coding challenges.
- Active member of the local programming community, attending meetups and workshops to stay updated on industry trends.
- Committed to lifelong learning, currently enrolled in a Go programming course to enhance skills.

References available upon request.