Clayton Rios

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Location: East Nathanielview

Summary

Innovative and results-driven programmer with over 7 years of experience in developing robust applications and implementing efficient DevOps practices. Proficient in a variety of programming languages and frameworks, I specialize in building scalable solutions and driving continuous improvement in software development processes. My passion for technology and machine learning enables me to create smarter applications that enhance user experience and operational efficiency.

Experience

Senior Software Engineer
Tech Innovations Inc. - East Nathanielview, NY
June 2020 - Present

- Developed a **microservices architecture** for a large-scale e-commerce platform, resulting in a 40% increase in system reliability and 30% reduction in deployment times.
- Led a team of 5 developers to implement a CI/CD pipeline using **Kubernetes**, enhancing deployment efficiency by 50%.
- Spearheaded the integration of **Machine Learning** algorithms that improved product recommendation systems, resulting in a 25% increase in sales conversions.

Software Developer

Creative Solutions Co. - East Nathanielview, NY

April 2017 - May 2020

- Designed and implemented a **web application** for real-time analytics, leveraging **Vue.js** and **Flask**, which improved client reporting speed by 60%.
- Collaborated with cross-functional teams to deploy applications on cloud platforms, ensuring high availability and scalability.
- Enhanced user interface and experience for existing applications, leading to a 20% increase in user satisfaction scores.

Junior Programmer

NextGen Tech - East Nathanielview, NY

January 2015 - March 2017

- Assisted in the development of various applications using **JavaScript** and **Java**, focusing on performance optimization and code refactoring.
- Participated in agile development practices, contributing to sprint planning and retrospectives, ultimately improving team productivity by 15%.

Skills

- **JavaScript** (Advanced)
- **Java** (Advanced)
- **Machine Learning** (Intermediate)
- **DevOps** (Expert)
- **Go** (Advanced)
- **Vue.js** (Advanced)
- **Kubernetes** (Intermediate)
- **Flask** (Advanced)

Projects

Web Application
- Developed a full-stack web application for managing inventory and sales, utilizing

Vue.js for the frontend and **Flask** for the backend. Integrated payment processing and user authentication features, resulting in a seamless user experience.

Microservices Architecture
- Designed a microservices architecture for a startup's product management system, decoupling services to improve scalability and maintainability. Implemented **Kubernetes** for orchestration, leading to a deployment time reduction of 50%.

Certifications

- **Certified Kubernetes Administrator (CKA)** - Linux Foundation, 2021
- **AWS Certified Solutions Architect - Associate** - Amazon Web Services, 2020
- **Machine Learning Specialization** - Coursera, 2019

Education

Bachelor of Science in Computer Science
East Nathanielview University - East Nathanielview, NY
Graduated: May 2014

Personal Interests

In addition to programming, I enjoy contributing to open-source projects and staying updated on emerging technologies. I am also an avid participant in hackathons and coding competitions, where I continuously challenge myself to solve complex problems creatively.