Carol Riley

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Location: North Kyleshire

Summary

Passionate and results-driven software engineer with over 7 years of experience in developing scalable web applications and microservices architectures. Adept at leveraging the latest technologies in Machine Learning and DevOps to enhance product performance and reliability. Proven track record of improving deployment efficiency and team productivity through effective collaboration and innovative solutions.

Experience

Senior Software Engineer

Tech Innovations Ltd., North Kyleshire
January 2021 - Present

- Spearheaded the development of an **E-commerce Platform**, which increased online sales by 35% within the first quarter of launch through enhanced user experience and performance optimization.
- Implemented a microservices architecture that reduced system downtime by 40%, ensuring high availability and scalability of applications.
- Collaborated with cross-functional teams to integrate **Machine Learning** algorithms, improving product recommendations and personalizing customer experiences.

Software Engineer

Future Tech Solutions, North Kyleshire
June 2017 - December 2020

- Developed and maintained an **API Gateway** that managed over 1 million requests per day, streamlining communication between microservices and enhancing system security.
- Led the migration of legacy systems to **Kubernetes**, resulting in a 50% reduction in deployment times and improved resource utilization.
- Utilized **Jenkins** for continuous integration and delivery, which enhanced the development workflow and reduced the average time to deployment by 30%.

Skills

- **JavaScript:** Advanced
- **DevOps:** Expert
- **Machine Learning:** Expert
- **C++:** Advanced
- **Jenkins:** Advanced
- **Kubernetes:** Intermediate
- **Microservices:** Intermediate
- **Docker:** Beginner

Projects

E-commerce Platform

- Designed and developed a full-stack e-commerce application utilizing **JavaScript** and microservices architecture.
- Optimized the application for performance, achieving a page load time of under 2 seconds, significantly enhancing user engagement.

API Gateway

- Constructed a robust API Gateway to facilitate seamless communication between different microservices.
- Implemented security protocols that improved API security by 60%, ensuring data integrity and protection against common vulnerabilities.

Certifications

- **Docker Certified Associate**
- **Certified Kubernetes Administrator**

Education

Bachelor of Science in Computer Science

North Kyleshire University
Graduated: May 2016

- Graduated with honors, focusing on software development and artificial intelligence.
- Completed a capstone project on "Predictive Analytics in Retail," receiving top marks for innovative use of Machine Learning techniques.

Personal Interests

When not coding, I enjoy contributing to open-source projects, exploring new technologies, and mentoring aspiring developers. I am also an avid reader of tech blogs and enjoy attending local tech meetups to stay updated with industry trends.