Maria Ruiz

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Location: Mitchellshire

Summary

Dynamic and results-oriented programmer with over 5 years of experience in software development and cloud solutions. Proven expertise in building scalable web applications and deploying machine learning pipelines. Adept at leveraging cloud technologies to enhance system performance and efficiency. Passionate about developing innovative solutions that solve complex problems and improve user experiences.

Experience

Software Engineer

Tech Innovations Inc., Melbourne
June 2020 - Present

- Developed and maintained a **Content Management System** that improved user engagement by 30%, enabling non-technical staff to update content easily.
- Implemented a **Real-time Chat System** using Node.js and Kubernetes, facilitating seamless communication for over 5,000 daily users.
- Led a team of 5 in the migration of legacy applications to AWS, resulting in a 40% reduction in operational costs.

Junior Developer

NextGen Solutions, Sydney
January 2018 - May 2020

- Assisted in the development of a **Web Application** that streamlined project management processes, leading to a 25% increase in team productivity.
- Collaborated on the creation of a **Machine Learning Pipeline** that improved data processing speed by 15%, enhancing analytical capabilities for clients.
- Gained valuable experience in MySQL and data management, optimizing database queries that reduced loading times by 20%.

Skills

- **AWS:** Expert - Extensive experience in deploying scalable applications and managing cloud resources.
- **Node.js:** Advanced - Proficient in building server-side applications and RESTful APIs.
- **Kubernetes:** Advanced - Skilled in container orchestration, ensuring high availability and scalability of applications.
- **Data Science:** Advanced - Strong background in data analysis, visualization, and machine learning algorithms.
- **MySQL:** Intermediate - Competent in database design, optimization, and query writing.
- **Machine Learning:** Intermediate - Familiar with various ML frameworks and techniques, including model training and evaluation.
- **JavaScript:** Beginner - Basic understanding of JavaScript for front-end development.

Projects

- **Web Application:** Developed a project management tool that allows teams to collaborate in real-time, featuring task assignments, progress tracking, and file sharing.
- **Content Management System:** Engineered a user-friendly platform for content editors, boosting website updates and reducing turnaround time for content changes.
- **Real-time Chat System:** Created a scalable chat application utilizing WebSocket technology, enabling instant communication within large teams.
- **Machine Learning Pipeline:** Designed an automated pipeline for data processing and model deployment, improving prediction accuracy for client datasets.

Certifications

- **Google Cloud Professional:** Expertise in cloud architecture and services.
- **Docker Certified Associate:** Proficient in containerization and orchestration.
- **Microsoft Azure Developer:** Skilled in developing applications and services on the Azure platform.

Education

Bachelor of Computer Science
University of Melbourne
Graduated: December 2017

- Focused on software engineering, data structures, and algorithms.
- Completed coursework in machine learning and cloud computing.

References

Available upon request.