Colleen Smith

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Summary

Dynamic and results-oriented programmer with over 5 years of experience in developing scalable web applications and machine learning solutions. Skilled in both front-end and back-end technologies, with a proven track record of delivering high-quality software on time. Passionate about leveraging technology to solve complex problems and enhance user experiences.

Experience

Senior Software Engineer

Tech Innovations Inc. - Milesshire, NSW
March 2021 - Present

- Spearheaded the development of a **Content Management System** that improved content delivery speed by 30%, enhancing user engagement.
- Implemented a **Real-time Chat System** using Node.js and Redis, reducing server response time by 45% and increasing user retention by 25%.
- Collaborated with cross-functional teams to integrate machine learning algorithms into existing applications, improving predictive accuracy by 20%.

FutureTech Solutions - Milesshire, NSW

January 2019 - February 2021

- Developed a **Mobile App** using Vue.js and FastAPI that achieved over 10,000 downloads within the first month of launch.
- Contributed to the architectural design of microservices, utilizing Go for backend services, leading to a 40% increase in application performance.
- Actively participated in code reviews and mentoring junior developers, fostering a culture of continuous learning and improvement.

Skills

- **TypeScript**: Advanced
- **Node.js**: Expert
- **Machine Learning**: Intermediate
- **Vue.js**: Intermediate
- **FastAPI**: Intermediate
- **Go**: Intermediate
- **Redis**: Intermediate

Projects

- **Content Management System**
  Developed a robust CMS that supports multi-user access and real-time content updates, which resulted in a 50% reduction in content publishing time.

- **Real-time Chat System**
  Designed and implemented a scalable chat application that supports thousands of concurrent users with minimal latency, using Node.js and Redis.

- **Mobile App**
  Created a user-friendly mobile application that allows users to manage their

tasks efficiently, utilizing Vue.js for the frontend and FastAPI for the backend services.

Certifications

- **Docker Certified Associate**
  Certified in containerization using Docker, enabling streamlined application deployment and orchestration.

Education

Bachelor of Science in Computer Science

Milesshire University - Milesshire, NSW
Graduated: December 2018

- Relevant Coursework: Data Structures, Machine Learning, Web Development, Software Engineering

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Additional Information

- Passionate about open-source contributions and regularly engage in community forums to share knowledge.
- Enjoys exploring new technologies and continuously seeks to improve skills through online courses and workshops.

Feel free to reach out via email for any inquiries or collaboration opportunities!