Sean Frogley

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Summary

Computer Science student with expertise in software development, full-stack web development, and cloud computing. Skilled in multiple programming languages, including Python, Java, C, and C#, with hands-on experience in developing scalable, maintainable applications. Proficient in Agile methodologies, version control, and CI/CD practices. Passionate about leveraging modern technologies to build innovative solutions. Strong problem-solver with excellent communication and collaboration skills, gained through experience in both team-based projects and customer-facing roles. Ready to bring a results-oriented approach to dynamic, fast-paced software development environments.

Education

University of Canterbury
Bachelor of Science – *Major in Computer Science & Minor in Japanese*

Experience

University of Canterbury | Intern Full-Stack .NET Developer   **November 2024 – February 2025**

- Contributed to the development of a large-scale software application serving a user base of over 200 students annually.
- Designed and maintained scalable and maintainable code using C#, the .NET framework, and Blazor, adhering to object-oriented programming principles.
- Collaborated with stakeholders to ensure the application effectively supported research and educational activities.
- Utilized Kanban methodology to manage tasks, track progress, and ensure timely delivery of project milestones.

SENG302 | Spring Boot Web Developer   **February 2024 – November 2024**

- Collaborated in an Agile environment using the SCRUM methodology to develop a large, complex software application as part of a team.
- Gained experience in handling vague and conflicting customer requirements, prioritizing tasks, and managing deadlines under pressure.
- Demonstrated proficiency in teamwork, collaboration, and professional software development practices.
- Applied up-to-date software development methods, techniques, and tools throughout the development of a sizable software-intensive system.

Prebbleton Tennis Club | Assistant Tennis Coach   **September 2023 – March 2024**

- Assisted in planning and organizing events and training schedules, honing project management skills essential for coordinating development projects and meeting deadlines.
- Coordinated with other coaches and staff to develop and execute training programs, enhancing teamwork and leadership skills critical for collaborative software development projects.
- Explained complex techniques and strategies to players of various skill levels, improving my ability to convey technical information clearly and effectively, a crucial skill for documenting code and collaborating with non-technical stakeholders.

Bunnings | Retail Sales Associate   **September 2021 – October 2022**

- Assisted customers with product inquiries and provided solutions, enhancing my ability to communicate effectively and gather requirements from stakeholders in software development.
- Managed multiple tasks simultaneously, including restocking shelves and processing sales, showcasing strong organizational skills and the ability to prioritize tasks, essential for managing project timelines in development.

Resortlink Construction Ltd. | Builder Apprentice　　　　　　　**May 2017 – September 2020**

- Assisted in planning and executing construction projects, developing project management skills that are valuable for coordinating software development tasks and ensuring timely project completion.
- Encountered and resolved on-site challenges, demonstrating problem-solving abilities and adaptability essential for addressing software development issues and implementing solutions.
- Performed precise measurements and installations in high-end homes, honing attention to detail crucial for coding, debugging, and ensuring software accuracy.

Skills & Interests

- Java
- JavaScript
- C
- Python
- Spring MVC
- Spring Boot
- Gradle
- Spring Framework
- Version Control

- MySQL
- MongoDB
- Algorithms
- HTML/CSS
- Critical Thinking
- Snowboarding
- Tramping
- Surfing
- Tennis

References

Available Upon Request