Sarah Rabah

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Technical Skills

Programming Language: Java, JavaScript, C, Python, SQL, HTML, CSS
Technologies / Frameworks: Spring, AWS, Git, JUnit, TCP/IP, HTTP
Developer Tools: Visual Studio Code, IntelliJ, MySQL, GitHub

Personal Projects:

Full Stack Expense Tracker (FinTrack) | *Vaadin, Spring Boot, CSS, Java, MySQL*
- Developed a financial tracking application that allows users to manage budgets, expenses, and income.
- Utilized Vaadin for the frontend, Spring Boot for backend services, and MySQL for data storage.
- Implemented REST APIs for dynamic interactions between the frontend and backend.
- Gained full-stack development experience by integrating secure back-end infrastructure with dynamic front-end elements.

Portfolio Website | *HTML, CSS, JavaScript*
- Created a personal portfolio website to showcase projects, skills, and provide a contact point.
- Utilized HTML, CSS, and JavaScript to develop a responsive and accessible user interface.
- Deployed the website on a live production environment, ensuring smooth user interactions.

Escape Room Game (GUI) (ScapeRoom) | *Java, AI, GUI*
- Collaborated in a team of 3 to develop an interactive escape room game featuring a graphical user interface.
- Integrated AI to analyze player patterns, generating 3 distinct levels with randomized puzzles to enhance replicability.
- Gained experience in GUI development, systematic practices, and AI integration.
- Improved teamwork and communication skills during development.

Non-Technical Experience

Sales Assistant | *Cotton On Group (Jan 2020 – Mar 2022)*
- Enhanced customer service and sales abilities by assisting customers and meeting sales targets in a fast-paced retail environment.
- Managed inventory and restocked products, contributing to the store's overall operational efficiency.
- Improved teamwork and communication skills by collaborating closely with fellow team members to ensure smooth store operations.

Sales Assistant | *Country Road Group (Mar 2022 – Mar 2023)*
- Supervised retail operations including team management, inventory control, and customer service, ensuring a positive customer experience.
- Improved team performance by training new employees and implementing operational efficiency improvements.
- Fostered strong relationships with customers, contributing to an increase in customer satisfaction and repeat business.

Treasurer | *Sudanese Society In NZ (June 2023 – June 2024)*
- Managed the society's finances, handling budgeting, financial planning, and reporting.
- Improved financial transparency and resource allocation to better support the society's goals and activities.
- Demonstrated leadership and financial management skills by ensuring sound financial decisions were made to support ongoing operations.

President | *African Student Association (June 2023 – June 2024)*
- Led the association by organizing events, workshops, and representing student interests to university administration.
- Focused on building a sense of community and promoting cultural awareness through student-driven initiatives.
- Coordinated with team members and stakeholders to ensure successful execution of events and activities.

Education

University of Auckland | *(Mar 2022 – Nov 2025)*
B.Sc. Software Engineering
Relevant coursework: OOD in java**,** OOP, Data Structure, Algorithms, Software Engineering, Database Systems, Computer Systems, Network and Security, Quality Assurance, User Interface Design, Applied Statistics, Linear Algebra and Discrete Math.