William Spongberg

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EDUCATION

University of Melbourne Melbourne, Australia
Bachelor of Computing and Software Systems *Feb. 2022 – June. 2025*

PROJECTS

TransitEye React, TypeScript, Postgres
Personal Project
- Engineered an open-source, full-stack web application to report and track public transport incidents in Melbourne.
- Implemented an interactive map and custom heatmap using React and Leaflet to ensure easy visualisation and accessibility.
- Utilised Supabase for user authentication and data storage, ensuring secure and fast access to the application.

Applify JavaScript, Generative AI
Personal Project
- Built a Chrome web extension to analyse job board information and give realtime feedback to active users.
- Utilised Google's local Gemini Nano API to generate tailored resume suggestions and improvements.

Momentum Master App TypeScript, Auth0, AWS, CICD, Flutter
Team Member & Full-Stack Developer
- Developed a full-stack career progression application as part of a team of 5 for the client NoMoss.
- Collaborated to complete 15+ epics over 12 weeks to align with the Agile methodology and client requirements.
- Implemented and managed CICD pipelines via Vercel and GitLab for efficient deployment and testing.
- Created fully featured REST API with 20+ endpoints for effective and secure data storage in AWS.
- Created 80+ unit tests for the backend to ensure code quality and API security is maintained.
- Conducted code reviews and provided constructive feedback to team members over scrums to enhance code quality.

EXPERIENCE

Data Annotation Remote
AI Reinforcement *Apr 2024 - Present*
- Evaluated and annotated 1000+ lines of code across a variety of languages for AI models, ensuring high-quality training datasets.
- Wrote detailed reports on code quality and custom solutions, providing valuable feedback to developers and AI models alike.

Coles Group Melbourne, Australia
Retail Associate *Dec 2020 - Present*
- Collaborated with team of 5-10 daily to unload and stock 3000+ items daily, improving store efficiency and customer satisfaction.
- Gained experience in customer service and retail operations, enhancing communication skills.
- Assisted in training new staff, fostering a collaborative work environment and improving team performance.

VOLUNTEERING

Fitzroy High School Melbourne, Australia
Volunteer Teacher's Assistant *Apr 2024 - May 2024*
- Assisted teachers in classroom management and provided both educational support and mentorship to students.
- Organised educational activities and resources to enhance student engagement and my own understanding of effective communication, leadership and alternative learning.

SKILLS

- **Languages:** Java, JavaScript, TypeScript, Python, C, C#, SQL, Dart, Prolog, Haskell

- **Technologies:** Git, VSCode, IntelliJ, MySQL, Android Studio, Flutter, Node.js, Supabase, AWS

- **Project Management & Collaboration:** Slack, Jira, Confluence, Trello, Agile Methodology