

# William Spongberg

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## EDUCATION

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

## PROJECTS

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- 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

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- 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

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- 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

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- Languages:** Java, JavaScript, TypeScript, Python, C, C#, SQL, Flutter, Prolog, Haskell
- Technologies:** Git, VSCode, IntelliJ, MySQL, Android Studio, Flutter, Node.js, Supabase, AWS
- Project Management & Collaboration:** Slack, Jira, Confluence, Trello, Agile Methodology