Aaron Sotiropoulos

Computer Science Student

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SUMMARY

Computer Science student at Flinders University, finishing in June 2027. Currently on a 20-week industry placement at JACK App writing production Laravel and Vue code. I like working on real bugs in real codebases, and I build my own projects on the side when I find a problem worth solving.

EXPERIENCE

Software Engineering Intern · JACK App, Adelaide — Aug 2026 – Present

Laravel, Vue 3, TypeScript, MySQL, PHPUnit, GitLab CI, Sentry

- Work across the Laravel API, Vue 3 front end and subscription portal of a construction management platform used by builders in Australia and North America. 140+ commits shipped through staging, beta and production.
- Pick up production errors from Sentry and trace them to the cause, including crashes in the Gantt schedule, costing and bills screens, and a bad permission record in the database that stopped users from logging in.
- Fixed data bugs builders would notice: an invoice report showing invoices outside the chosen dates, cost option plans drifting out of sync with their estimate, and deleted jobs leaving schedules and invoice items behind.
- Built features end to end, including SKU search in the catalogue, client notifications on variation and selection comments, and US and Canadian wording for terms like “Contractor” and “Trade”.
- Write PHPUnit tests with every change and keep PHPStan, Pint, ESLint and vue-tsc passing in CI. Rework code after senior review (for example, swapping row-by-row inserts for one INSERT…SELECT query) and review teammates' merge requests.

AI Automation Intern · LDC Strategies, Henley Beach — Jan 2026 – May 2026

One day a week · n8n, OpenAI API, Serper, FireCrawl, Google Sheets, GoHighLevel, Slack

- Built n8n workflows for lead research and capture that search for a company, scrape its website, summarise it with OpenAI, then send the result to Google Sheets, GoHighLevel and Slack.
- Built a company research pipeline the team used in place of manual prospecting.
- Compared self-hosted n8n setups to see whether the agency could run its own instance.

Casual roles · Kicco Espresso (packer and driver), Coles Supermarkets — 2021 – Present

- Five years at Coles across several departments, plus packing and deliveries for Kicco Espresso.

PROJECTS

Pitch Finder SA — 2026

Laravel 13, Vue 3 with Inertia, TypeScript, Tailwind CSS, Leaflet

- Map-based app for finding soccer pitches in South Australia, showing surface, lighting, access, facilities and whether a pitch is likely to be free.
- Imports every SA pitch from OpenStreetMap through the Overpass API, links local clubs to their home grounds, and ranks results with a weighted score.
- Photo uploads are resized to WebP, stripped of GPS data and held for admin approval. One command runs Pint, PHPStan, vue-tsc and the tests before every push.

Νηστεία · Greek Orthodox fasting companion — 2025 – 2026

Next.js, Quagga2, Open Food Facts API, Claude API

- Progressive web app that tells you whether a food fits the fasting rules: scan a barcode, look it up in Open Food Facts, and get meal ideas from Claude, in Greek or English.

University projects · Flinders — 2025

- Serverless data pipeline on AWS Lambda, DynamoDB and EventBridge, and a Node-RED module for a team healthcare triage system using live OpenWeather data.

EDUCATION

Bachelor of Computer Science · Flinders University (transferred from Software Engineering) — Feb 2024 – Jun 2027 (expected)

- Relevant subjects: Software Testing and Quality Assurance (HD), Software System Requirements and Design (HD), Systems Software (HD), Data Structures and Algorithms (DN), Cloud and Distributed Computing (DN), Data Engineering (DN), Computer Programming 1 (DN), Database Modelling and Information Management, Human Factors for Interactive Web-Based Systems, Networks and Cybersecurity.

SKILLS

Languages: PHP, TypeScript, JavaScript, SQL, Java, C++, HTML/CSS
Frameworks: Laravel, Vue 3, Inertia, Next.js, Node.js, Tailwind CSS
Data: MySQL, PostgreSQL, DynamoDB, Prisma
Tooling: Linux (Ubuntu), Git, GitLab CI, Docker, PHPUnit, PHPStan, Sentry, Claude Code
Cloud and AI: AWS (Lambda, DynamoDB, EventBridge), Vercel, n8n, OpenAI API, Claude API