

Dave Nair

A: Box Hill South, 3128, Melbourne | **M:** +61 415 810 639 | **E:** davenair1@gmail.com
LinkedIn: www.linkedin.com/in/davenair | **Portfolio:** <https://davenair1.github.io/>

Career Profile

Early career full-stack developer with hands-on experience in designing and delivering applications. Skilled at translating business requirements into robust, secure, and accessible solutions from initial prototyping and UI/UX design through testing, containerised deployment and continuous integration and delivery. Proven collaborator in agile teams, facilitating design reviews, writing clear documentation, and maintaining code quality through automated testing. Quick to adopt new tools and methodologies to drive performance and scalability.

Skills

Technical & Analytical

- HTML5, CSS3, Sass, JavaScript (ES6+), TypeScript, Python
- Django & Django REST Framework, React, Alpine.js, htmx, TailwindCSS, Node.js (Express)
- Git/GitHub, Docker & Docker Compose, Webpack, Vite, npm, pip, GitHub Actions (CI/CD)
- PostgreSQL, SQLite, MongoDB
- Pytest, Jest, React Testing Library, Selenium, OWASP ZAP

Business, Strategy & Collaboration

- Market Evaluation, Strategic Advisory, Consulting and Product Development
- User Research and Persona Mapping
- Cross-Functional Teamwork, Stakeholder Engagement
- Agile Methodologies and Scrum Facilitation

Education

Bachelor of Information Technology | Deakin University, Burwood | March 2023 – Present (Expected graduation: November 2025)
Minor: Security Management (WAM: 80)

Achievements

- **Awarded 25% Merit Scholarship:** Acknowledged for academic excellence and potential in the field of IT
- **Invited for peer mentorship within Deakin School of IT:** Guiding and supporting first-year students

Work Experience

Junior Web Developer | C4 Engineering | Melbourne | September 2024 – Present

- Took initiative to develop a dockerised Django CRUD web application with TailwindCSS, Alpine.js, HTMX and PostgreSQL, producing a functional MVP in four weeks
- Integrated django-allauth for user registration, login, and multi-tenant account management, persisting data via SQL and interactive REPL sessions, cutting authentication setup time by 50%
- Managed the creation of responsive UI/UX themes and reusable components across 12 pages, standardising design and dropping front-end build time by 30%
- Drove team alignment by producing architecture diagrams and data-model relation maps to guide discussions and decision-making
- Ensured OWASP ASVS Level 1 and ASD ISM compliance through threat modelling, passing automated pytest scripts, and regular code reviews in the Django shell environments

Internship Experience

Front-end Developer Intern | C4 Engineering | Melbourne | June 2024 – September 2024

- Initiated the prototype build of a Django-backed web app delivering messaging and user onboarding
- Introduced SPA-style interactions within Django templates using Alpine.js and HTMX, reducing full-page reloads by 40%
- Led the development of a design system in Figma covering colours, fonts, typography, icons, and layout guidelines, decreasing UI revisions by 15%
- Authored detailed documentation including component guidelines and diagrams using Lucidchart

Technical Projects

Front-end Developer - Web Development Team | Melbourne Open Data Project | Chameleon | March 2025 – June 2025

- Re-designed use-case pages with React and TailwindCSS to resemble high-fidelity prototypes, while improving Lighthouse accessibility score from 71 to 96
- Directed integration of Web Speech API for a chatbot voice interface, boosting user dwell time by 22%
- Collaborated with clients during demos and fed feedback into a two-week sprint plan, addressing pain points and refining features

Developer | Personal Portfolio - Solo Project | December 2024 – Present

- Conceptualised and built a responsive static site with HTML5, CSS Grid/Flexbox and vanilla JS featuring a Three.js 3D hero section and scroll-triggered animations
- Developed a Retro Snake mini-game on canvas with pause and difficulty options, local high-score tracking and custom audio effects
- Added a dark-mode toggle and optimised performance to achieve top Lighthouse scores as proof of continuous improvement

Other work experience

Sessional Academic – Technical Assistant | Deakin University | March 2025 – Present

- Diagnosed and resolved live-streaming and AV equipment issues in real time, ensuring uninterrupted hybrid lectures for over 100 students
- Served as liaison between academic staff and the IT helpdesk, coordinating AV setups and providing guidance to optimise teaching delivery

Data Entry and Administration Clerk | Billson Accounting | February 2024 – May 2024

- Processed over 350 financial records per month (expense reports, invoices, and receipts), applying strong time management and attention to detail, ensuring data accuracy
- Maintained a filing and archiving system, sorting documents by category to enable swift retrieval and support workflows

Team Member | IGA | February 2023 – January 2024

- Demonstrated empathy and active listening to resolve customer issues and improve satisfaction in a fast-paced environment
- Mentored and coached four new hires on POS procedures, inventory management and customer service best practices, boosting team confidence and performance

Certifications and Training

- NSW Government - Digital Solutions Virtual Internship | Current
- Atlassian - Jira & Confluence Fundamentals Badge | Current
- IBM - Python for Data Science and AI | Current
- freeCodeCamp - Responsive Web Design & JS Algorithms and Data Structures | Current

References

Available upon request