

Declan Wood

About me:

A Software Developer passionate about building tools that solve real problems. I have hands-on experience in full-stack development using technologies such as Next.js, JavaScript, TypeScript, TailwindCSS and AWS. I am confident working across the development lifecycle and take a proactive approach to solving problems and learning new skills. I am eager to continue expanding my skills and contributing to impactful projects.

Work Experience:

Software Developer

Freelance/Contract – (October 2025 – Current)

- Built a full-stack application using **Next.js** and **Expo**, delivering a seamless and consistent experience across web, iOS, and Android platforms.
- Implemented a secure authentication and authorisation system with **Auth0**, including login, logout, and flows for distinct user roles.
- Developed a role-based access control system with integrated error handling and automatic redirection to landing pages.
- Contributed to the development of an admin panel that enables users to upload and manage NFC-related data.
- Took **ownership** of the mobile application and authentication system, ensuring secure integration with **Auth0** and adherence to **ISO 27001**.

Junior Software Developer

BigThinking LTD – (July 2024 – October 2025)

- Built and delivered web platforms using **Next.js**, **JavaScript**, **TypeScript** and **TailwindCSS**.
- Implemented authentication and authorisation systems using **Amazon Cognito**, **OpenID** and **Iron Session**.
- Managed and deployed applications using **AWS**, configuring hosting, domains and environment variables.
- Automated deployment workflows using **CI/CD** pipelines in **Jenkins**.
- Designed and implemented **SQL** databases with schema creation and querying to support business tools and dashboards.
- Learnt how to use **Python** for data manipulation and basic scripting, strengthening backend processes.
- Maintained version control with **Git**, ensuring smooth collaboration across a team.
- Worked from **Figma** designs to build responsive web pages.
- Collaborated with stakeholders to gather requirements, translating them into user stories and actionable development tasks.

Sales Executive

David Hayton – (January 2023 - July 2024)

- Managed stock pricing and performed accurate vehicle valuations, ensuring competitive pricing and optimised profitability.
- Assisted with the coordination of stock rotation between multiple dealership locations, maintaining optimal inventory levels.
- Sold vehicles, consistently meeting customer expectations.
- Applied problem solving skills to effectively address customer inquiries and resolve issues.
- Gained and maintained strong product knowledge to effectively assist customers, pairing them with a suitable vehicle, enhancing the customer's buying experience.
- Addressed and solved any after-sales issues.

Technical skills:

Node.js | Next.js | TypeScript | JavaScript | React | TailwindCSS | HTML | CSS | AWS | SQL | Supabase | Amazon Cognito | Auth0 | OpenID | Iron Session | Jenkins | Docker | Python | Git | GitHub | Azure | Figma | C# | .NET | Linux | REST APIs