

# William Herman

+61477833582

williamhermanwork@gmail.com

38 Shoreline drive, Rhodes, NSW 2138

<https://www.linkedin.com/in/williamherman9/>

<https://williamherman.vercel.app>

## Skills

- Java | JavaScript | React.js | React Native | Vue | Python | Flask | Django | TypeScript | PHP | NoSQL
- MySQL | Jira | Node | AWS | Azure | Git | Docker | OOP | Cypress | Jest | Sentry | WordPress

## Work Experience

### Full Stack Developer

March 2024 – Present

#### Quest Finance

- Optimized the website application to align with stakeholder requirements, significantly enhancing user experience and improving the efficiency of lending and brokerage application submissions by 36%.
- Sustained 80% test coverage in unit tests, ensuring robust performance and reliability, and conducted comprehensive end-to-end testing using Cypress to cover all scenarios.
- Efficiently incorporated Quest API to facilitate seamless data interchange between front-end and back-end systems, contributing to enhanced system interoperability and ensuring real-time data synchronization platform-wide.
- Coordinated efficiently with both onshore and offshore development teams, brokers, and operations teams, gathering requirements and ensuring seamless collaboration to meet project goals and deliverables.

### Software Engineering Intern

August 2023 – November 2023

#### NSW Police

- Actively engaged in an Agile development environment, leading weekly sprints and participating in crucial meetings. Conduct regular sessions with the police client to ensure seamless fulfillment of requirements.
- Spearheaded the development of a cutting-edge React Native mobile application for the NSW Police, streamlining the management of data related to random breath and drug tests.
- Collaborated seamlessly within a dynamic team of eight skilled professionals, emphasizing teamwork and fostering effective communication channels.

### Full Stack Developer Intern

June 2023 – August 2023

#### S1T2

- Creates accessible, user-friendly interfaces, and functional websites to allow the visitor to get a pleasant experience on the site.
- Collaborated closely with the development team to successfully meet all client requirements, ensuring the smooth operation of websites.
- Skillfully maintained the design and functionality of the website builder CMS using a tech stack encompassing WordPress, Vue.js, and PHP.

## Projects

### RBT/RDT Form Application Mobile App – Group Project

October 2023

- Digitalized Form Application: Create a user-friendly and intuitive digital application to replace traditional paper-based forms, optimizing the RBT and RDT procedures for NSW Police Services.
- Cross-Platform Compatibility: Develop a React Native application that is compatible with both iOS and Android devices, ensuring accessibility to a wide range of users and devices.
- Data Storage and Management: Implement robust data storage and management features, enabling the secure storage and retrieval of RBT and RDT data, making it easier for officers to access and analyze information.

### **AI-hub Generation Website – Solo Project**

**November 2023**

- Text, Code, Image, Video, and Music Generation: Develop a user-friendly platform that enables content generation across multiple media types, showcasing the capabilities of Open AI and Replicate API.
- Limited Generation Access: Grant users limited access to AI-generated content creation as a preview of the website's capabilities, stimulating interest and engagement.
- Subscription Model: Implement a subscription-based model using Stripe, allowing users to upgrade for unlimited content generation, providing a sustainable revenue stream for the project.

### **Education**

**Bachelor of Science in Information Technology  
University of Technology Sydney (UTS)**

**October 2020 - December 2023**

- Major: Enterprise Systems Development (**GPA: 6.06**) / (**WAM: 80.44**)