

William Herman

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Skills

- Java | JavaScript | React | React Native | Vue | Python | Flask | Django | TypeScript | PHP | NoSQL |
- MySQL | Jira | Node | AWS | Azure | Git | Docker | OOP | Frontend | Backend | Full-Stack | WordPress

Work Experience

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

October 2020 - December 2023

University of Technology Sydney (UTS)

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