Victor Yoshida

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Education

The University of Melbourne   Melbourne, VIC
Bachelor of Science in Computing and Software Systems (Computer Science) - 74 WAM   *Expected Nov. 2024*
- Students@Work Leadership Committee (2023)
- HackMelbourne Website Officer (2023-Present)

Experience

Software Engineering Intern   Nov. 2023 – Feb. 2024
Commonwealth Bank   *Melbourne, VIC*
- Developed a web application intended to replace legacy test automation framework crucial for engineers within the Data Platforms and Operations team.
- Constructed using React.js and libraries like Material UI, Tailwind CSS, and Honeycomb (internal library).
- Translated previous application's legacy Java code into Javascript whilst simplifying code logic and complexity.
- Curated reusable UI components and leveraged existing components from libraries, creating a better streamlined user experience and interface that adhered to company UX principles.
- Created concise documentation to ensure smooth hand over of work to future engineers.
- Actively participated in daily stand-ups and sprint planning meetings, contributing to an agile development environment.

Information Technology Intern   Aug. 2023 – Nov.2023
The University of Melbourne   *Melbourne, VIC*
- Developed automated website update workflows using GraphQL, Javascript, and Craft CMS.
- Constructed automation's and script's for organising and fetching data from external sources via API calls for reporting needs.
- Created a CRM gathering over 20,000+ client records from several sources into a consolidated list of unique clients and their data for reporting and marketing purposes.

Information Technology Intern   Jan. 2023 – Jul. 2023
Major Transport Infrastructure Authority   *Melbourne, VIC*
- Collaborated with stakeholders to gather requirements, modify existing work and understand business needs.
- Constructed extensive SQL queries to facilitate business processes and alert systems using automated workflows.
- Devised and maintained several PowerBI reports to accelerate reporting processes according to stakeholder needs.
- Developed python scripts to help extract necessary metadata from Microsoft SQL Server in order to automate development of a data catalogue containing 1000+ tables/views.

Projects

CulinaryAI | Live Website | Code | *Next.js, Typescript, Tailwind CSS, OAuth, MongoDB*
- Constructed a full stack web application that suggests personalised recipes using AI with NextJS, Google OAuth and MongoDB.
- Developed ability to have users save recipes linked to their Google accounts and generate personalised recipes based on user ingredient inputs.
- Demonstrated skills in front-end development, API integration, and basic back-end development.

HackMelbourne Website | Live Website | Code | *React.js, Typescript, Tailwind CSS*
- Collaborated in a team for the development of our club's revamped website.
- Developed several components for the website with re-usability and responsive design practices.
- Conducted several code/PR reviews to ensure best practices are being met.
- Helped collaborate on the design of the UI on Figma.

Technical Skills

Languages: Typescript, JavaScript, HTML, CSS, SQL, Python, Java
Frameworks: React.js, Node.js, Next.js
Developer Tools: Git, VS Code, Microsoft SQL Server