**JARED WONG**

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GitHub: <https://github.com/jajared> Personal Website: <https://jajared.vercel.app/>

**work experience**

**Full Stack Software Engineer Intern, HolicayMay 2024 - Present**

* Created an internal dashboard for data analytics and visualisation using aggregate queries and MongoDB to derive actionable insights from complex datasets.
* Implemented product fixes and enhancements, ensuring optimal performance and user experience on both the frontend and backend of a web application.
* Involved in the software design of new features to support scalable and efficient application development.

**Full Stack Software Engineer, Google Developer Student Club (NUS)Aug 2023 - Present**

* Spearheading the mission of #TechForGood, GDSC NUS is dedicated to making a meaningful impact on society by developing software solutions for Non-Profit Organisations.
* Developing a Volunteer Management System for Project #KampungConnect to streamline the onboarding, scheduling, and engagement of volunteers.

**Software Engineer Intern, VisionPalDec 2023 – May 2024**

* Involved in the design and development of new innovative features for an integrated eyecare mobile application across both iOS and Android platforms.
* Responsible for leading the comprehensive revamp of the application to improve user experience.
* Collaborated closely with cross-functional teams including product manager, optometrists, and external developers to translate requirements into technical solutions.

**Full Stack Software Engineer, NUS School of Computing Healthcare InformaticsAug 2023 – May 2024**

* Responsible for leading the development of a health management and wellness mobile application.
* Managed the development of the backend architecture using Firebase Cloud Functions and Node.js to provide scalable and efficient server-side functions.

**education**

**National University of Singapore Aug 2022 - Present**

Bachelor of Computing (Computer Science)

* Specialisation in Software Engineering and Database Systems
* Minor in Quantitative Finance

**Raffles Institution Feb 2018 - Nov 2019**

GCE A-Level

H2 Physics, Chemistry, Mathematics and Economics, H1 General Paper and Project Work

**achievements**

**PSA Codesprint 2023** **October 2023**

* Achieved Commendation Prize (Top 15 team)
* Led a team in the successful development of a machine-learning powered container distribution aimed at optimising the logistics and distribution process across terminals and ports

**NUS Orbital 2023** **August 2023**

* Received Honourable Mention (Voter’s Choice) and Artemis (Highest Distinction) for our project.
* Led the development of a medication reminder mobile application, incorporating advanced features such as Machine Learning to enhance medication management.
* Managed both front and backend aspects of the application, as well as design and marketing.

**Lifehack 2023** **May 2023**

* Achieved 1st Runner Up in the NUS Lifehack 2023 hackathon, focused on sustainability.
* Led a team in the development of a full-stack prototype application to address food waste in Singapore through recycling