

Yukash Sivaraj

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Professional Summary

Aspiring software developer with strong proficiency in object-oriented programming and a passion for learning new technologies. Skilled in both frontend and backend development, with hands-on experience in agile environments. Eager to contribute to a growing company by developing innovative solutions and enhancing software applications.

Work Experience

Software Developer | *Contract* | PS Design Studio | May 2024 – August 2024

- Developed a comprehensive 7-site web application using Statamic's multi-site feature, employing Antlers HTML, Tailwind CSS, JavaScript, and PHP to ensure responsiveness and client satisfaction.
- Designed and implemented frontend components and custom APIs for a large-scale site, integrating data from Runway and Statamic CMS using Vue.js + Nuxt.js, Tailwind CSS, PHP and the Laravel tech stack.
- Reengineered a Laravel Nova database, seamlessly integrating data from Runway, optimizing MySQL queries, and reducing database complexity by nearly 50%.

Software Engineer Intern | *SideChef* | February 2024 - May 2024

- Completed 220+ test case automation for the company's web and mobile applications using Playwright, TypeScript, WebDriver IO, Appium, Android Studio, and Xcode.
- Developed solutions using Gemini (Vertex AI) and Claude 3 to enhance website usability.
- Collaborated with a diverse 7-person agile team based in China.

Project Supervisor/Tutor | *The University of Melbourne* | February 2024 - May 2024

- Mentored four agile teams, guiding them on agile methodologies with real-world clients.
- Facilitated communication between clients and student teams.
- Assessed students on using industry-standard tools such as Confluence, GitHub, Trello, and Jira.

Other Work Experience

- **Customer Service Coordinator**, UniLodge Australia (February 2022 – January 2024)
 - **Mathematics Tutor**, Freelance Tutoring (January 2021 – February 2023)
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Education

- **Master of Information Technology: Distributed Computing** | *University of Melbourne* | July 2022 – Dec 2023
 - **Bachelor of Science in Computing and Software Systems** | *University of Melbourne* | Feb 2019 - July 2022
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Projects

- **Safe Circle Android App:** Built in a 6-person agile team using Firebase, Google Maps API, Kotlin, and Jetpack Compose.
 - **Web Application Widgets:** Developed custom widgets as part of a 5-person agile team using Next.js, Express.js, Node.js, Firebase, and Canvas API.
 - **CRM Web Application:** Created as a final year project using React.js, Node.js, Express.js, and Google Calendar API.
 - **Distributed Whiteboard Application:** Developed with Java, using sockets and threading for multithreading.
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Voluntary Experience

- **Vice President**, Inter-Collegiate International Student Committee
 - **Treasurer**, Executive Committee (International House Student Club)
 - **Orientation Week Leader**, International House Student Club
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Additional Skills

- Strong proficiency in object-oriented programming.
- Proficient in SQL and relational databases.
- Experience with object-oriented languages: C#, Java, C++.
- Familiar with GIT and version control systems.