

JEEVANANDHAM VAVINAN

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EDUCATION

National University of Singapore **Aug 2022 - Present**
Bachelor of Engineering in Computer Engineering, Honors

- GPA: 4.0/5.0
- Expected Date of Graduation: June 2026

PROJECT EXPERIENCE

Code Learning platform, Frontend Developer and UI Designer **Dec 2023 - Present**

- Frontend Developer and Page Designer.
- Employing ReactJS for responsive and user-friendly interface.
- Creating page designs with Figma for optimal user experience during coding sessions.
- Implementing MongoDB for robust and scalable data management.

React Website Application (Orbital), Web Developer **Apr 2023 - Aug 2023**

- Designed, developed, and deployed a React web application to enable students to form effective project teams.
- Utilized ReactJS and Firebase in developing interactive website features: Chat Function, Posts, Post Creation.
- Coordinated and collaborated in a team of two to ensure effective work rates.

Navigation Robot Project, Firmware and hardware Engineer **Jan 2023 - Apr 2023**

- Engineered, and tested rescue robot integrating LiDAR and Hector SLAM technologies.
- Integrated Raspberry Pi and ROS Noetic for unparalleled efficiency.
- Coordinated a collaborative team to ensure effective efforts and high mission success rates.

mBot Project, Firmware and hardware Engineer **Oct 2022 - Nov 2022**

- Successfully deployed a mBot to navigate through unfamiliar terrains.
- Integrated ultrasonic and colour sensors for geometrical data and colour recognition, ensuring high precision and accuracy.

ACHIEVEMENTS

- Awards: 1st place in Science and Technology Quiz Competition conducted by National Council for Science and Technology Communication (NCSTC) in PRIST University.

LEADERSHIP EXPERIENCE

Singapore Armed Forces, Section Commander **Nov 2021 - Jul 2022**

- Served as a section commander with rank of 3rd sergeant during nation service.
- Fulfilled tasks and duties assigned timely with high standards.
- Lead and supervised a group of servicemen to achieve mission success in all tasks.
- Cultivated proper safety and security practices in depot as the Safety Officer-in-Charge (OIC), achieving zero major accidents during service.

Home-Town Community Events **Apr 2018 - Jan 2020**

- Planned and organized community events to encourage children involvement in physical activities and sports, promotes both physical and mental health.

SKILLS

- Proficient in English (Spoken and Written)
- Creative thinking and adaptive learning
- Programming Languages: C, C++, HTML, JavaScript, and NoSQL
- Web development (Experienced in ReactJS framework)
- Databases: Firebase, MongoDB
- Design tool: Figma
- Version Control: GitKraken
- Deployment: Vercel
- Proficient with Microsoft. Office Suite (Word, PowerPoint, and Excel)

OPPORTUNITIES LOOKING FOR

I am currently looking for:

- Summer Internship - 07 May 2024 to 26 July 2024 (12 weeks)
- Off cycle / Credit bearing – Starting 01 June 2024 or 08 January 2025 for about 6 months.