

JEEVANANDHAM VAVINAN

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EDUCATION

National University of Singapore Bachelor of Engineering in Computer Engineering, Honours <ul style="list-style-type: none">GPA: 4.29/5.0Expected Date of Graduation: July 2026	Aug 2022 - Present
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PROJECT EXPERIENCE

mBot Project <ul style="list-style-type: none">Executed and deployed a mBot to navigate through unfamiliar terrains.Utilized and integrated ultrasonic and colour sensors for geometrical data and colour recognition, ensuring high precision and accuracy.	Oct 2022 - Nov 2022
Navigation Robot Project <ul style="list-style-type: none">Designed, developed, and tested rescue robot integrating LiDAR and Hector SLAM technologies.Incorporated and integrated Raspberry Pi and ROS Noetic for unparalleled efficiency.Coordinated a collaborative team to ensure effective efforts and high mission success rates.	Jan 2023 - Apr 2023
React Web Application, Orbital <ul style="list-style-type: none">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: Realtime data, Chat Function, Posts, Post Creation.Coordinated and collaborated in a team of two to ensure effective work rates.	Apr 2023 - Aug 2023

ACHIEVEMENTS

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- Awards: 1st place in Science and Technology Quiz Competition conducted jointly by National Council for Science and Technology Communication (NCSTC) and Tamil Nadu State Council for Science and Technology (TNSCST) in PRIST University. (Jan 2019)
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LEADERSHIP EXPERIENCE

Home-Town Community Events, Organizer <ul style="list-style-type: none">Planned and organized community events to encourage children involvement in physical activities and sports, promotes both physical and mental health.	Apr 2018 - Jan 2020
Singapore Armed Forces, Section Commander <ul style="list-style-type: none">Served as a section commander with rank of 3rd sergeant during national service.Fulfilled tasks and duties assigned timely with high standards.Lead and supervised a group of servicemen to achieve mission success in all tasks.	Nov 2021 - Jul 2022

- Cultivated proper safety and security practices in my depot as the Safety Officer-in-Charge (OIC), achieving zero major accidents during service.

SKILLS

- Proficient in English (Spoken and Written)
- Creative thinking and adaptive learning
- Programming Languages: C++, HTML, JavaScript, ReactJs Framework and Firebase
- Web development (ReactJS framework, CSS, HTML, Bootstrap, firebase)
- Proficient with Microsoft. Office Suite (Word, PowerPoint, and Excel)

OPPORTUNITIES LOOKING FOR

- **Summer Internship** (both credit and non-credit bearing):
 - Earliest Date: 13 May 2024
 - Duration: 3 months
- **Industrial Attachment** (credit bearing):
 - Earliest Date: 13 June 2024
 - Duration: 6-7 months