

RACSHANYAA JAGADISH

UNIVERSITY SOPHOMORE | ASPIRING SOFTWARE ENGINEER | FULL STACK DEVELOPER

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SUMMARY

Full Stack Developer and Tech Enthusiast with hands-on experience in building web and mobile applications. Passionate about building real-world solutions and simplifying complex tech through clean, scalable design.

EDUCATION

Bachelor of Engineering, Computer Engineering, Nanyang Technological University Aug 2024 - Present

- Year 2 Full Time Undergraduate
- **Prominent Projects:** BTO Management System in Java, Project Team Allocator System in Python, P2E Payroll in React, NodeJS, MySQL

International Baccalaureate Diploma Programme, Global Indian International School Jul 2022 - May 2024

- 41/45 - High Achiever Award
- **Awards:** Dr. APJ Abdul Kalam Award for Academic Proficiency, Dr. Abid Hussain Award for Academic Proficiency, Justice CS Dharmadhikari Award for Co-Curricular Excellence (Overall)

SKILLS

- **Front End:** React Typescript, HTML, CSS, Tailwind CSS, ShadCN UI
- **Back End:** NodeJS, MySQL, Java, C, C++, Python, PHP
- **DevOps:** AWS EC2, Git

INDUSTRY EXPOSURE

JP Morgan Take a Byte - Selected Participant	Jun 2025
JP Morgan Finance for Non Finance - Selected Participant	May 2025
EasyA x VeChain x BCG Hackathon - Finalist	Sep 2024
International Business Olympiad - Gold Award & Global 6 th Position	Nov 2023
JP Morgan GenerationTech Hackathon - Winner (1 st Position)	Aug 2023
GovTech GeekOut Bootcamp - Selected Participant	Jun 2023

PROJECT EXPERIENCE

- **P2E Payroll:** Built a full-stack payroll app (React, NodeJS, MySQL).
- **MRTBuddy:** Swift iOS app for MRT stop alerts.
- **StrokePredict:** Python ML model to predict stroke risk.
- **Mindle:** Deployed a Chrome extension for mindfulness during online surfing.
- **CiteGenie:** Developed a Chrome tool for instant webpage citations.
- **Portfolio Website:** Created a React + TypeScript personal site.
- **Parkly (WIP):** Currently building an IoT-enabled parking system with MQTT + EC2.

ADDITIONAL INFORMATION

- **Languages:** English, French, Tamil.
- **Certifications:** Data Science Skillpath - MySQL, Looker Studio, ML and Alteryx (Udemy), Modern Programming with C, C++, Java and PHP (Udemy), Data Visualisation with Python (Udemy), Python for Machine Learning (Great Learning)
- **Job Simulations:** JP Morgan Software Engineering (Forage), Skyscanner Software Engineering (Forage)
- **Community Engagement:** AI Student Developer Conference 2025 Attendee, SEMI TalentConnect 2025, BuildingBloCS June 2025 Conference Organiser, NTU Tamarind Hall JCRC Publicity and Publications Executive

SOCIAL LINKS

