

MUTHUKRISHNAN SUSHRUTH

Intern Second-year Computer Science Student

SUMMARY

I'm a second-year Computer Science student at Nanyang Technological University with a passion for full-stack development and cloud engineer, I'm seeking internships to combine my technical expertise and business acumen to drive innovative, tech-driven solutions.

TECHNICAL SKILLS

Main Technical Skills	C/C++/C#, Python, Java, HTML, CSS
Programming Languages	Java, Python
C++ Libraries and Tools	C/C++/C#
UI Frameworks, Libraries, and Browsers	CSS, HTML

WORK EXPERIENCE

Web Developer, CCA competition website

Duration: Mar 2025 - Present

Summary: Web Developer for CCA competition website at Archimedes Autonomous Vehicles.

Responsibilities: Engineered front-end and back-end features, database management, authentication, and API endpoints, collaborating with a team of developers, ensuring secure data handling and high system uptime.

Technologies: MERN stack

Full Stack Developer, Real estate platform

Duration: Feb 2025 - Apr 2025

Summary: Full Stack Developer on a real estate platform at NTU.

Responsibilities: Developed user-friendly platform with responsive UI components and API integration, working with back-end developers, applying UI/UX best practices.

Technologies: React, TypeScript, JavaScript, Tailwind CSS, Node.js, Express

Product Manager, Case Study Competition

Duration: Feb 2025 - Mar 2025

Summary: Product Manager at Rakuten for case study competition.

Responsibilities: Conducted market research and competitor analysis, designed and validated product strategies, led cross-functional team for case study presentation.

Technologies: Product Management Frameworks



Product Manager, Food redistribution solution

Duration: Feb 2025 - Mar 2025

Summary: Product Manager at Grab developing a food redistribution solution.

Responsibilities: Conducted user research and stakeholder interviews, collaborated with developers and designers, utilized product management frameworks.

Technologies: Product Management Frameworks

Developer, Hospital Management System

Duration: Oct 2024 - Nov 2024

Summary: Developed a Hospital Management System at NTU as part of coursework.

Responsibilities: Automated hospital operations including patient management, appointment scheduling, inventory management, and applied OOP principles.

Technologies: Object-Oriented Programming

Data Analyst, Air Quality Analysis and Prediction

Duration: Mar 2024 - May 2024

Summary: Implementation of Air Quality Analysis and Prediction at NTU.

Responsibilities: Implemented predictive models and data pipelines, developed custom data processing workflows, and used statistical analysis to analyze air pollution patterns.

Technologies: Python, Pandas, Scikit-learn, TensorFlow, Plotly, Seaborn

EDUCATION

- **Bachelor of Engineering**

Majoring in Computer Science with a minor in Business and a specialization in Cybersecurity at Nanyang Technological University, Singapore. Relevant coursework includes Data Structures and Algorithms, Software Engineering, Computer Security.
Aug 2023 - May 2027

