

OBULA SARAVANAKUMAR SAHISHNU KUMAAR

+65 91696717 • sk@sahishnu.dev • www.sahishnu.dev • www.linkedin.com/in/sahishnu-kumaar

EDUCATION

National University of Singapore Bachelor of Computing (Computer Science), Honours	Aug 2024 – Present
<ul style="list-style-type: none">Minor in Economics GPA: 4.88 / 5.00 Dean's List (AY24/25 Semester 2, AY25/26 Semester 1)Ranked Top 10 students out of 611 in CS2103T – Software EngineeringRelevant Coursework: Software Engineering (A+), Data Structures & Algorithms (A), Computer Organisation (A+), Probability & Statistics (A)	

TECHNICAL SKILLS

- Programming Languages: Java, TypeScript, JavaScript, Go, Python, C
- Web Technologies: React, HTML, CSS
- Backend & Databases: PostgreSQL (Supabase), RESTful APIs
- Frameworks & Libraries: JavaFX, JUnit, Material UI (MUI)
- Tools & Platforms: Git, GitHub, Visual Studio Code, IntelliJ IDEA, Render, Vercel

PROJECTS

ChronoPanthers – Productivity Desktop App (Java, JavaFX)	May 2025 – Aug 2025
<ul style="list-style-type: none">Developed a desktop productivity app combining a Pomodoro timer, task management, and AI-assisted study suggestions, helping users structure study and work sessions efficiently.Designed a responsive JavaFX interface with visual charts to track productivity patterns and task completion, making it easy for users to monitor progress.Integrated Supabase for cloud storage, ensuring tasks and session data persist across multiple uses.	
LambdaLab – Teaching Assistant Management App (Java, JavaFX)	Sep 2025 – Nov 2025
<ul style="list-style-type: none">Developed a desktop app that enabled teaching assistants to manage student records, attendance, and progress efficiently, reducing time spent on manual tracking.Implemented data validation, sorting logic, and automated tests achieving 75% code coverage, improving reliability and minimizing errors in student records.Designed features that allowed TAs to quickly monitor student progress, supporting timely interventions and better teaching outcomes.	
Discussion Forum – Web Application (Go, PostgreSQL, React)	Dec 2025 – Jan 2025
<ul style="list-style-type: none">Developed a full-stack discussion platform that enabled users to create and participate in topic-based threads, facilitating collaboration and knowledge sharing.Engineered backend services in Go with PostgreSQL and RESTful APIs, supporting user authentication and persistent data storage, ensuring discussions remain secure and retrievable.Built a React front-end with intuitive navigation and topic filters, enabling users to quickly find relevant discussions and actively participate.	

TEACHING EXPERIENCE

National University of Singapore Teaching Assistant – CS2030S Programming Methodology II	Jan 2025 – Present
<ul style="list-style-type: none">Conduct weekly lab sessions for 30 students, teaching Java, OOP, and functional interfaces.Grade and provide feedback on student exercises, guiding them to apply clean, object-oriented design principles.	

WORK EXPERIENCE

SAF, HQ 9 Div/Inf G2 Branch ASA	July 2022 – May 2024
<ul style="list-style-type: none">Led administrative operations and coordinated inter-departmental workflows, demonstrating strong organization and leadership skills.Streamlined data tracking and reporting using Microsoft Excel to improve efficiency.	