OBULA SARAVANAKUMAR SAHISHNU KUMAAR

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EDUCATION

National University of Singapore   **Aug 2024 – Present**
Bachelor of Computing (Computer Science), Honours
- Minor in Economics
- GPA: 4.88 / 5.00
- Dean's List (AY2024/2025 Semester 2, AY2025/2026 Semester 1)
- Ranked **Top 10 students** out of 611 in CS2103T – Software Engineering
- Relevant 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**
- Developed a desktop productivity application combining a Pomodoro timer, task management, and an AI-assisted study feature with productivity analytics.
- Designed a responsive JavaFX UI, implemented visual charts, and integrated Supabase for persistent data storage.

Personal Task Tracker – Web Application (TypeScript, React)   **Aug 2025 – Sep 2025**
- Developed a lightweight task manager with LocalStorage persistence, actively used by peers for tracking academic tasks and deadlines.
- Implemented task creation, prioritisation, sorting, and completion workflows with a responsive and React-based UI.

LambdaLab – Teaching Assistant Management App (Java, JavaFX)   **Sep 2025 – Nov 2025**
- Implemented core features for a desktop application used by teaching assistants to manage student information, attendance, and progress tracking.
- Developed data processing, sorting, validation logic, and automated tests to ensure reliability and accuracy.

Discussion Forum – Web Application (Go, PostgreSQL, React)   **Dec 2025 – Present**
- Building a full-stack discussion platform with user authentication, topic-based threads, and RESTful APIs.
- Developing backend services in Go with PostgreSQL, alongside a React-based user interface for browsing and participating in discussions.

TEACHING EXPERIENCE

National University of Singapore
Teaching Assistant – CS2030S Programming Methodology II   **Jan 2025 – Present**
- Conduct weekly lab sessions, guiding students in Java programming, OOP concepts, and functional interfaces.
- Assist with grading and consultations, helping students debug code and apply clean, maintainable software design principles.

WORK EXPERIENCE

SAF, HQ 9 Div/Inf G2 Branch ASA   **July 2022 – May 2024**
- 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.