

# 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)
- Ranked **Top 10 students** out of 611 in CS2103T – Software Engineering
- Relevant Coursework: Software Engineering, Data Structures & Algorithms, Computer Organisation, Probability & Statistics

## TECHNICAL SKILLS

- Programming Languages: Java, JavaScript, TypeScript, Go, Python, C
- Web Technologies: React, HTML, CSS
- Backend & Databases: PostgreSQL (Supabase)
- 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 clean and intuitive React-based user interface for browsing and participating in discussions.

## WORK EXPERIENCE

**SAF, HQ 9 Div/Inf G2 Branch ASA**

**July 2022 – May 2024**

- Led administrative operations as Branch IC, managing personnel clearance processes, planning unit tours, and maintaining critical documentation workflows.
- Utilised Microsoft Excel to streamline data handling, track personnel movement, and generate operational reports, improving overall efficiency.
- Coordinated inter-departmental communication and scheduling, demonstrating strong organizational and stakeholder management skills.
- Awarded **Best Soldier of the Month (June 2023)** for outstanding leadership, discipline, and initiative.