

# Kartikeya - (Mononym)

+65 8031 7244 • [kartikeya@u.nus.edu](mailto:kartikeya@u.nus.edu) • [linkedin.com/in/kvrtikeya](https://www.linkedin.com/in/kvrtikeya) • [github.com/kxrt](https://github.com/kxrt)

## EDUCATION

### National University of Singapore

Aug 2021 – May 2025

- Bachelor of Computing (Honors) in Computer Science, Year 2
- Coursework: Programming Methodology, Data Structures & Algorithms, Software Engineering, Computer Organisation, Artificial Intelligence and Machine Learning, Database Systems

## EXPERIENCE

### Teaching Assistant, NUS School of Computing

Jan 2023 – Present

- Introducing Object-Oriented Programming and Functional Programming in Java, to improve code quality and imbibe the confidence and ability to contribute to larger-scale software projects
- Teaching a lab of 13 CS freshmen, providing feedback on and grading lab assignments weekly

### Software Engineer, Google Developer Student Club NUS

Sep 2022 – Present

- Building a Learning Management System (dashboard and CMS) in a team of 15 for Food Bank Singapore's Project Juniors Club to digitalize in-person teaching programs with Agile methodology
- Tech Stack: TypeScript, Next.js, React.js, Recoil.js, Chakra UI, TailwindCSS, Prisma, PostgreSQL

### Web Developer and Design Lead, NUS RVRC Symposium 2022

Aug 2022 – Oct 2022

- Developed frontend interface in React single-handedly to modernize the blog's appeal
- Integrated low-tech backend (WordPress CMS) for professors to easily edit 100+ project abstracts
- Tech Stack: React.js, Material UI, Axios, WordPress CMS

### Web Developer, The BAUM Movement

Jul 2021 – Sep 2022

- Maintained website for student-run non-profit organization to encourage sustainable investing
- Self-learned UI/UX design principles and Figma over 2 months to prototype and design website
- Increased page visits by 129% by analyzing website traffic data to enhance SEO

## PROJECTS

- **Artemis:** CS2103T Software Engineering project; chatbot to help manage tasks, deadlines and events, developed using Java 11, JavaFX, Gradle ([GitHub](#))
- **Lockdown:** Lifhack 2022 Honorable Mention; full-stack tablet security application developed using MongoDB, Express, React.js, Node.js (MERN stack) and Material UI ([GitHub](#))
- **OpenMic:** Orbital 2022 summer project; full-stack social media platform for live entertainment networking developed using MERN stack, Material UI and Figma ([GitHub](#))

## SKILLS

**Languages:** JavaScript (5,000 LoC) • Java (3,000 LoC) • Python • Markdown • HTML • CSS

**Frameworks, Libraries:** React.js • Next.js • NumPy • Material UI • Chakra UI

**Tools:** Git • Prisma • JavaFX • Adobe Photoshop • Adobe Illustrator

## LEADERSHIP

### Publicity Director, NUSSU Student Life Fair

Jan 2022 – Aug 2022

- Led a team of 4 to manage event's overall publicity direction for over 24,000 attendees
- Contributed to event's design including logo, apparel, publicity booklets and social media

### Tennis Vice-Captain, NUS Ridge View Residential College

Aug 2021 – Present

- Conduct bi-weekly training sessions for beginners and main team
- Prepare team for annual Inter College Games competition