

Kartikeya - (Mononym)

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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

EXPERIENCE

Software Engineer, Google Developer Student Clubs 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
- Self-learned UI/UX design principles and Figma over 2 months to design website successfully
- Increased page visits by 129% by analyzing website traffic data to enhance SEO

Freelancer, Graphic Design

Jan 2018 – Present

- Created apparel designs and social media content for RVRC Freshman Orientation Programme
- Designed graphics for NUS Computing Club social media with over 4,000 followers
- Organized high school events with over 200 participants (MUN, Hackathon) as lead designer

PROJECTS

- **Artemis:** NUS CS2103T Software Engineering project; chatbot to help manage tasks, deadlines and events, developed using Java 11, JavaFX, Gradle ([GitHub](#))
- **Lockdown:** NUS Lifehack 2022 Honorable Mention; full-stack tablet security application developed using MongoDB, Express, React.js, Node.js (MERN stack) and Material UI ([GitHub](#))
- **OpenMic:** NUS 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 • R • C • Markdown • HTML • CSS

Frameworks, Tools: React.js • Next.js • JavaFX • Git • Prisma • Material UI • Chakra UI

Miscellaneous: Adobe Photoshop • Adobe Illustrator • Spanish CEFR A2

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