Rao Yuchen (Singapore Permanent Resident)
Mobile Phone: (+65) 83487085 / Email: raoyuchenom@outlook.com
Personal Website: https://ycrao573.github.io/

CAREER OBJECTIVE

Rao Yuchen is seeking a full-time position as a Software Engineer, backed by nearly two years of expertise in developing large-scale consumer-facing e-commerce application. With a passionate drive for software development, he is a quick learner and confidently contributes proactively to team. He stands ready to apply his skills for impactful results in your organization.

EDUCATION

Nanyang Technological University (NTU)   *Aug 2018 – May 2022*
School of Electrical and Electronic Engineering
- **Bachelor of Engineering (Information Engineering & Media)**
- **Honours (Highest Distinction)** CGPA: 4.66 / 5.00
- **NTU Science and Engineering Scholarship**

WORKING EXPERIENCE

Lazada South East Asia Pte Ltd, Frontend Engineer (RedMart)   *Jul 2022 – Present*
- Supported daily technical requirements of RedMart/LazMallDaily's Buyer Service, strategically ensuring excellence across diverse markets (SG, ID, and PH).
- Managed and executed in key business projects, such as RedMart B2B and Add-on Deals. Consistently delivered on precise execution and timely delivery.
- Contributed to RedMart's Frontend monitoring, leveraging the iTrace platform and integrating with RedMart's own business logic. Empowered customizable and automated alerts across the domains, improving issue detection, targeting and resolution process.
- Designed and implemented a complex popup component supporting both Native and H5 seamlessly; widely used across RedMart during promotion campaigns, new feature announcements and voucher distribution.
- Led tech team's growth hacking initiatives, idea formulation and progress tracking. Successfully executed 11 tech-driven concepts within 6 months, with over half deployed into production.

Autodesk Asia Pte Ltd, Software Engineer Intern (IAM)   *Jan 2021 – Dec 2021*
- Collaborated on developing and optimizing identity processes for Autodesk's web products.
- Migrated admin SSO app (.NET) with AWS secret manager and enhanced codebase security
- Automated and optimized frontend CI/CD process for an account management website (React), streamlining UI testing in staging through Jenkins and Docker.

ACADEMIC PROJECTS

NTU Final Year Project: ***AR Travel Assistant***   *Aug 2021 - May 2022*
- Researched existing AR-based products and evaluated the feasibility of integrating AR technology into tour guide applications.
- Designed and developed an Android app using Flutter and Firebase, leveraging Google's geolocation, image recognition, and Wikitude AR SDK. The app enhanced travelers' experience in navigating local tourist attractions with greater ease and intuition.

SKILLS

- **Languages**: Fluent in English and Chinese (Mandarin)
- **Software Engineering Skills:**
  - **Frontend (H5):** React, JavaScript/TypeScript, HTML, CSS/SCSS, Webpack
  - **Backend:** Python, NodeJS, C/C++, Java, SQL, PHP
  - **Native:** Flutter, React Native