Rachel Lim Rui En

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EDUCATION

Singapore University of Technology and Design (SUTD) **Singapore, Singapore**
Bachelor of Engineering in Computer Science and Design May 2027 (Expected)
- SUTD Technology Entrepreneurship Scholar
- **GPA:** 4.69/5.00
- **Relevant Coursework:** Software Engineering and Design, Design Thinking and Innovation
- **Awards:** SUTD Honours List for Freshmore Terms, SUTD Honours List for Sophomore & Junior Terms, Singtel ISP Award Honourable Mention

UC Berkeley Extension **California, U.S.A**
Immersive Program in Entrepreneurship May 2025
- **Relevant Coursework:** Design Thinking and Prototyping

PROFESSIONAL EXPERIENCE

Metabob **California, U.S.A**
Frontend Engineer Jun 2025 – Aug 2025
- Redesigned and developed a ReactJS-based SaaS platform for enterprise clients, with GitHub OAuth integration and core feature implementations

GIC Private Limited **Singapore, Singapore**
Fullstack Developer Intern, Technology Group Aug 2024 – Dec 2024
- Delivered a cloud-native full-stack web application to automate NDF trade reviews by the Execution Control team
  - Took charge of designing and developing a ReactJS and .NET application integrated with PostgreSQL database
  - Contributed to deploying the solution to UAT by collaborating with cross-functional teams on CI/CD pipelines and Kubernetes infrastructure

Tinkertanker Pte. Ltd. **Singapore, Singapore**
Education Technology Developer Intern Jan 2022 – Jul 2022
- Revamped and implemented a Next.js web-based learning management system for 10+ company-contracted instructors

LEADERSHIP ACTIVITIES AND MEMBERSHIPS

SUTD 12th ROOT Student Government **Singapore, Singapore**
Head of ROOTech Department Feb 2024 – Feb 2025
- Spearheaded the design and development of 5 web projects for the student community with a team of 10 members
- Designed and developed Next.js promotional websites for large-scale campus events (such as a hackathon and student organization fiesta), each drawing approximately 400 participants.

SUTD Google Student Developer Club **Singapore, Singapore**
Full-stack Developer Oct 2022 – Dec 2024
- Reconceptualized TikTok's e-commerce tab in a Flutter Android prototype to improve content discoverability and user engagement, earning Top 12 Finalist in the 2023 TikTok Hackathon Challenge.
- Designed and engineered a ReactJS full-stack route-builder that enhanced trip-planning usability and promoted sustainable tourism, achieving Global Top 100 Finalist in the 2023 Google Solutions Challenge.

PROJECTS

Design at Berkeley x Amazon Music Spring 2025 Designathon **California, U.S.A**
First Place Winning Team Apr 2025
- Designed a shareable 3D fan-expression experience for the Amazon Music mobile app, winning 1st Place in a 7-hour design sprint with Design at Berkeley.
- Created global creator–listener engagement concepts and mockups centered on digital collectibles and fandom-driven

interactions with Figma and online 3D design tools.

60.004 Service Design Studio, SUTD, DBS Singapore Bank   **Singapore, Singapore**
Tech Lead, Team Byteballers   May 2024 – Aug 2024
- Worked with DBS Bank to develop a full-stack web-based solution to address e-payment discrepancies at hawker stalls, utilizing UX research, AGILE development, and cloud technologies

CODE_EXP Brain Hack 2024, Defence Science and Technology Agency   **Singapore, Singapore**
Developer, Team CannotSleepDept   May 2024 – Jun 2024
- Developed a Java-based multiplayer mobile application that gamifies tracking meal-related carbon footprints
- Achieved First Place for the Best Human-Centric Design Award, competing against 27 finalist teams

AWARDS AND CERTIFICATIONS

Future Leader in Tech 2025 Award, Singapore Computer Society
https://www.scs.org.sg/future-leader-in-tech-2025-rachel-lim-long-citation
- Industry award conferred to individuals under 30 for outstanding contributions to tech and instilling a passion for tech amongst their peers

Google UX Design Professional Certificate, Google, Coursera
https://www.credly.com/badges/85db9359-4091-4b28-a327-4ea7ebc9f8a0
- Certification awarded by Google for demonstrating competence in end-to-end UX design processes, including user research, ideation, wireframing, prototyping, and usability testing.

App Development with Swift Level 1, Apple Inc.
https://www.credly.com/badges/2ba7dd3a-9128-4b44-84c0-722fc408813f
- Certification awarded by Apple for demonstrating foundational knowledge of Swift, Xcode, and core app development tools for building iOS applications

SKILLS

Languages: Fluent in English; Conversational Proficiency in Mandarin
Front-end Development: ReactJS, Next.js, React Native, Android Studio, HTML5, CSS
Back-end Development: .NET, NodeJS, SQL Databases
Design: Figma, Blender