Marcus Ng

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PROFESSIONAL SUMMARY

Motivated Computer Science undergraduate with a strong focus on front-end development, artificial intelligence, and human-centered design. Proficient in creating scalable, intuitive applications and bridging technical concepts with actionable solutions. Experienced in leadership, cross-functional collaboration, and problem-solving in high-pressure environments. Eager to contribute to advancements in AI, human behavior analysis, and user experience development and design.

WORK EXPERIENCE

Product Design Lead, JEN, NUS Venture Initiation Programme (VIP) Incubated Startup   **May 2024 – Aug 2024**
- Designed and implemented user flows and UI screens for a mobile application, improving user satisfaction in private beta testing
- Iterated on design documentation, enhancing cross-functional collaboration and reducing feature development time
- Partnered with C-suite executives to translate complex requirements into actionable tech & design tickets

Front End Software Engineer, Central Provident Fund Board   **Sep 2023 – Dec 2023**
- Developed the front end of a proprietary Gen AI application, reducing customer correspondence time by 70%
- Conducted usability testing and incorporated feedback to optimize adoption across departments

Director of Technology, ROOT SUTD Student Government   **May 2023 – Dec 2024**
- Led front-end development for SUTD Orientation Website, facilitating onboarding for 500+ new students

SKILLS

Languages: Python, JavaScript, TypeScript, C
Technologies: React, Next.js, TailwindCSS, Framer Motion, Material UI, Figma, Git

EDUCATION

Bachelor of Engineering, Computer Science
Singapore University of Technology and Design (SUTD)   **May 2025**
- IMDA SG Digital Young Leader: talent development initiative that provides the top students from autonomous universities with opportunities to develop future-ready skills through a network of industry leaders
- Relevant Coursework: Dual Minor in Artificial Intelligence and Digital Humanities

PROJECTS

Front End Developer & Designer, Clause Genie (Closed Source) (Temasek Hackathon)   **May 2024 – May 2024**
- Developed a Gen AI-powered legal document management system using React, Vite, Django, and Firebase, reducing document classification time by 70%
- Collaborated with Temasek's procurement team to gather requirements and implement scalable solutions, ensuring high usability

AWARDS AND ACCOLADES

- Temasek x SUTD Gen AI Hackathon - Qualifiers   2024
- Student Leader Award, SUTD ROOT Student Government   2024
- DSTA BrainHack CodeEXP - Finalist   2023