# Marcus Ng

+65 87811890 | marcusng0104@outlook.com | Linkedin | Portfolio

## Summary

Passionate Front End Software Engineer with a strong background in Product Design and Artificial Intelligence. Skilled in User Interface Design, Frontend Development and Responsive Web Design. Strong expertise in user-centric problem solving, cross-functional collaboration, and clear communication. Seeking to leverage both technical skills and design expertise to create intuitive, responsive, and scalable web applications.

## Technical Skills

**Programming Languages**: C, Python, HTML, CSS, JavaScript, TypeScript

**Technologies**: React, Next.js, Redux, Axios, TailwindCSS, Material UI, Framer Motion, Figma, Git

## Work Experience

**Product Design Lead**                                          May 2024 – Aug 2024
*JEN, NUS Venture Initiation Programme (VIP) Incubated Startup*          *Summer Internship*

- Designed and implemented user flows and interactive UI screens for a mobile application, leading to an overall% increase in user satisfaction during private beta testing.
- Maintained and iterated on design documentation, improving cross-team collaboration and reducing feature development time by 80%.
- Partnered closely with CEO & CTO to translate complex product requirements into actionable tech tickets, ensuring UI/UX consistency.

**Front End Software Engineer**                                  Sep 2023 - Dec 2023
*Central Provident Fund Board*                                   *Winter Internship*

- Designed and developed the Front End of proprietary Gen AI web application using Figma (Design), React, Vite and FastAPI (Development), reducing average customer correspondence time by 70% during usability testing.
- Facilitated usability testing across multiple departments, collecting feedback and iterating on features to improve adoption across the board.

## Projects

**SUTD Orientation Website**                                     Aug 2024 - Sept 2024
*Web Development for incoming Freshmore batch*          *Next.js, React, TailwindCSS, Framer Motion*

- Collaborated with the SUTD orientation team to translate proposed UI designs from Figma into a responsive web application built with Next.js and Tailwind CSS.
- Delivered the project within a 2-month timeline, successfully launching the site for over 500 incoming students.

**Clause Genie (Closed Source)**                                 May 2024
*Closed Source, Temasek x SUTD Gen AI Hackathon*          *React, Vite, Django (Python), Firebase*

- Developed an in-house Gen AI frontend application using React and Vite to streamline legal document management, reducing classification time by an estimated 70%
- Collaborated with Temasek's procurement department to gather business requirements and transform them into technical solutions, ensuring high usability and scalability.

## Education

**Singapore University of Technology and Design**
*B.E. in Computer Science, Minor in Artificial Intelligence*                *Sep 2021 – May 2025*