

WORK EXPERIENCE

CoinsDo Private Limited, *Web Frontend Engineer*

Nov 2022 – Present

- Led the successful website revamp from client-side to server-side rendering with NextJS, resulting in a remarkable 45% improvement in website performance metrics
- Incorporated new user interfaces with Sanity, streamlining content management process for non-technical editors and significantly shortening project development time by 80%
- Migrated frontend codebase from vue-cli and Webpack to create-vue and Vite, boosting developer productivity by 20x in server start times and 5x in build times
- Overhauled existing web applications within 6-month timeframe, achieving a 20% increase in customer satisfaction upon launch
- Applied SEO best practices, including effective use of meta tags, creation of sitemap and robots files, which substantially enhanced search visibility and user experience
- Collaborated closely with cross-functional teams to implement responsive designs and ensure seamless cross-browser compatibility

Eemont Private Limited, *Software Engineer (Frontend)*

Jul 2020 – Sep 2022

- Worked closely with design, product, and back-end teams through the complete systems development life cycle to meet project requirements, goals, and desired functionality
- Maintained six interactive, single-page React applications that could scale to accommodate both increased interaction complexity and volume without compromising functionality for aesthetics
- Designed and developed 50+ new productivity features and capabilities to uplift user experience
- Crafted compelling visual elements for web applications using Echarts, empowering clients to gain deeper insights into their data

EDUCATION

Nanyang Technological University (NTU)

Aug 2016 - Jun 2020

- **Bachelor of Engineering (Electrical and Electronic Engineering)**
- **Honours (Distinction)**
- **NTU President Research Scholar**

PROJECTS

NTU Web Application Design: *NTUCan*

Aug 2019 – Dec 2019

- Developed web application using PHP and MYSQL for campus food ordering
- Designed RESTful backend server and relational database for efficient sales records retrieval
- Leveraged knowledge in Full Stack Web development, JavaScript, Git, and debugged using Chrome Developer Tools

NTU EEE Design and Innovation Project: *Integrated Home System*

Aug 2018 – Dec 2018

- Collaborated with 8 team members to develop electronic application through usage of internet, mobile devices, wireless communications and micro-controllers
- Led 2 sub-groups and provided technical and procedural training to support team; ensured prototypes were completed within the pre-defined timeline
- Created Android application capable of controlling smart home appliances wirelessly using Firebase as backend

SKILLS

- Languages: Fluent in English, Chinese (Mandarin)
- Programming Languages: HTML5, CSS3, JavaScript, TypeScript, Python, PHP
- Frameworks and Libraries: ReactJS, NextJS, VueJS, NodeJS, ExpressJS, Tailwind CSS, Bootstrap, Element Plus, Ant Design, React Native, Flutter, Firebase
- Miscellaneous: Git, Agile, Jira, MeisterTask, WordPress