Tee Chee Zhang (Permanent Resident)

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WORK EXPERIENCE

CoinsDo Private Limited, *Web Frontend Engineer*   Nov 2022 – Present
- Transformed the company's website to server-side rendering using NextJS, significantly enhancing website performance with 25% reduction in page load times and increasing conversion rate by 5%
- Transitioned from WordPress to Sanity, simplifying content management and reducing development time by 80%, directly impacting the delivery of over 100 content updates within 3 months
- Streamlined the team's workflow by introducing TypeScript, leading to an improvement of 30% in bug detection efficiency and improving overall code quality and maintainability
- Leveraged Vite for JavaScript module bundling, achieving a 50% boost in the front-end development and build process
- Implemented mobile-first approach in collaboration with cross-functional teams, resulting in 15% increase in mobile traffic through responsive design and cross-browser compatibility

Eemont Private Limited, *Software Engineer (Frontend)*   Jul 2020 – Sep 2022
- Refactored legacy code, resulting in a 30% reduction in code complexity and increased feature delivery speed by 25%
- Maintained 6 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
- Worked closely with design, product, and back-end teams through the complete systems development life cycle to meet project requirements, goals, and desired functionality

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
- Frameworks and Libraries: ReactJS, NextJS, VueJS, Webpack, Vite, Tailwind CSS, Bootstrap, Element Plus, Ant Design, React Native, Flutter
- Miscellaneous: Git, Agile, Jira, MeisterTask, WordPress, Sanity