

Tee Chee Zhang (Permanent Resident)

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## WORK EXPERIENCE

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### **Tecstation Private Limited, *Web Frontend Engineer***

Nov 2022 – Present

- Collaborated with UI/UX design teams to implement responsive web designs, optimizing for mobile and tablet devices, and increasing conversion rates by 20%
- Utilized Vite as the build tool for new projects, enhancing development speed by 50% compared to traditional Webpack configurations
- Conducted code refactoring to improve performance and maintainability, resulting in 10% reduction in load times
- Produced stunning visual elements of web applications by translating UI/UX design wireframes into code while producing high quality, boilerplate code using vue, typescript and element plus

### **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
- Assisted development team in maintaining 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 enhance user experience

## EDUCATION

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### **Nanyang Technological University (NTU)**

Aug 2016 - Jun 2020

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

## PROJECTS

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### **Personal Project: *Gallery-X***

Dec 2019 – May 2020

- Successfully generated full-stack programming utilizing MERN stack; MongoDB, Express, ReactJS and Redux, and NodeJS
- Created and deployed photo gallery site through Heroku integrated with drag and drop file uploading feature, utilized Amazon S3 for file storage system as well as designed custom REST APIs

### **NTU Web Application Design: *NTUCan***

Aug 2019 – Dec 2019

- Developed web application using PHP and MYSQL that allows users to easily place food order available in campus
- Designed RESTful backend server and relational database enabling sales records to be retrieved
- 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 (i.e. door lock, pet feeder, automated plant watering) wirelessly using Firebase as backend

## SKILLS

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- Languages: Fluent in English, Chinese (Mandarin)
  - Software Programming: HTML5, CSS3, JavaScript, TypeScript, ReactJS, VueJS, NodeJS, Python, Flutter, React Native, Firebase, PHP