TAN YONG KUAN

yongkuan94@gmail.com
+65 8121 0628
www.linkedin.com/in/tanyongkuan
https://github.com/tanyongkuan
https://yongkuan.netlify.app/

EDUCATION

Nanyang Technological University   Singapore
Bachelor of Engineering (Computer Science) with Distinction   **Aug 2016 – Dec 2019**
- Cumulative GPA: 4.14/5.0; IMDA Industry Preparation for Pre-graduates (iPREP) Program
- Double specializations in Data Science & Analytics and Artificial Intelligence
- NTU School of Computer Engineering Club Events Associate

Nanyang Polytechnic   Singapore
Diploma with Merit in Information Technology   **Apr 2011 – Apr 2014**
- Cumulative GPA: 3.82/4.0; Specialized in Geospatial and Mobile Innovation

WORK EXPERIENCE

SecureAge Technology   Singapore
Software Engineer (Frontend)   **Dec 2020 – Current**
- Lead and implement dashboard features in VueJS and Quasar for Catchpulse and License Server Portal while working closely with a SCRUM team
- Implement and maintain reusable components, common utility functions and interfaces in the component library, ensuring code reusability and consistency across all projects
- Introduce Typescript support in both the component library and projects, allowing developers' codes to be readable and maintainable with fewer bugs
- Perform code reviews using TortoiseSVN and Visual Studio Code to ensure best practices are met across projects
- Work with Quality Assurance team to get new features/pages tested and address any issues within a timeframe while guiding usage of automation testing tools such as Selenium

Defence Science and Technology Agency (DSTA)   Singapore
Engineer   **Jan 2020 – Dec 2020**
- Engaged in enterprise projects through vendor management and delivering business and technical requirements
- Provided technical expertise through design thinking to improve user's experience on their daily operation needs

SKILLS

Programming Languages:	Typescript, HTML, CSS, SCSS, Java
Development/Frameworks:	Vue, Quasar, Pinia, React, GatsbyJS, NextJS, Material UI, styled-components, Tailwind CSS
Applications/Extensions:	Visual Studio Code, TortoiseSVN, Github, Prettier, EsLint
Project Management Tools:	JIRA, Slack
Operating Systems:	Windows, Linux

CERTIFICATION

NICF – Project Management for IT **-** Sep 2018