Ng Chun Wei Danny

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EDUCATION

NANYANG TECHNOLOGICAL UNIVERSITY, SINGAPORE   Aug 2019 – May 2022
School of Electrical and Electronic Engineering
Bachelor of Engineering (Honours), Electrical and Electronic Engineering

SINGAPORE POLYTECHNIC   Apr 2014 – Mar 2017
Diploma in Electrical and Electronic Engineering

PROJECT

NANYANG TECHNOLOGICAL UNIVERSITY   Aug 2021 – May 2022
Final Year Project (Individual) - Title: Blockchain and Machine Learning Applications for Smart Grids
- Awarded an A- grade.
- FYP was used in a demonstration as part of A*STAR's blockchain project.
- Built a fully functional decentralised peer-to-peer energy trading marketplace webpage leveraging on blockchain technology.
- Written smart contracts in Solidity and utilised python framework Flask to render html webpage.

PERSONAL PROJECT   Dec 2021
Portfolio webpage
- Inspired by a Wix template and re-created the webpage using React.js with React libraries.

WORK EXPERIENCE

PICKUPP – (Internship)   May 2021 – Jul 2021
Intern (Software Engineer)
- Written and optimised new front-end functionality on their Warehouse mobile application using React Native to enhance user interface and experience.
- Successfully presented my findings and solutions to large audience including senior executives and stakeholders.
- Effectively addressed complex bugs using Reactotron and other tools.
- Worked with various developer tools such as Node,js, Docker and PostgresSQL.

TOPPAN ECQUARIA – (Internship)   Aug 2020 – Dec 2020
Intern
- Self-learnt HTML, CSS, JavaScript, Jquery, and Bootstrap and developed HTML mockups for a government-based web page, IPOS.
- Worked with Java Server Page and self-learnt JSP Scripting to create mockups which reduced time and effort in producing up to more than 5 pages at once.
- Assisted with the preparation of the functional specification documents for review and document sign off.

PROFESSIONAL DEVELOPMENT

- Front-end Web Development with React – The Hong Kong University of Science and Technology   Dec 2020

SKILLS

- **Languages:** Solidity, HTML, CSS, Javascript, Jquery, Python, SQL
- **Platforms:** Ganache, Node.js, Docker, PostgresSQL
- **Frameworks:** Truffle, React.js and React Native
- **Version Control:** Git