





Joshua Wong

Full-Stack Web Developer

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Projects

Ecommerce Store

NEXT | NODE.JS | MONGODB | JWT | COOKIES | REACT CONTEXT | PAYPAL | THEMES

Personal project currently being developed to understand how to create themes and process online payments.

- Utilised PayPal API to handle user payments then saved order information in MongoDB cloud database
- Developed application context with Context API to manage states
- Authorised users with JWT and stored cart and theme settings in cookies

Portfolio Website

GATSBY | STYLED-COMPONENTS | FRAMER MOTION | REACT ICONS | FIGMA

Personal project that was developed to learn how to design website layouts and animations and hosted online with Netlify.

- Gatsby for responsive static front end with styled-components
- Engineered interactive elements with Framer Motion and smooth scrolling with React Scroll

Card Management System

MONGODB | EXPRESS | REACT | NODE.JS

University group project that provided exposure to MERN full-stack development and developed teamwork collaboration skills.

- Collaboration with university group through GitHub
- Assembled client and server side validation through a mix of regex and simple length rules on form inputs to prevent bad data
- Hashed user data prior to storing in MongoDB cloud database

Movie Rental Store

JAVA | JSP | SQL | MODEL VIEW CONTROLLER | CRUD | REST | OBJECT ORIENTED

University group project that combined skills learnt prior into a single project. Learnt about agile development and CI/CD tools.

- Collaborated with university group through GitHub
- Engaged in agile development workshops to develop application features based off user-story importance after each sprint

Other Experience

Loan Tool Specialist @ Hilti

2021 - CURRENT

- Dispatched loan tools to customers and received returned loan tools, inspected and scrapped tools when required.
- Managed loan tool stock levels across Sydney, Perth and Adelaide storage locations according to loan tool demands.
- Coordinated electrical test and tagging of 600 loan tools with an external company to meet regulations

Volunteer Experience

Volunteer @ IDMC

VANILLA | HTML | JS | CSS | WEBFLOW

2021

- Fetched latest YouTube video from IDMC channel
- Deployed client side validation with feedback from design team

Volunteer @ SuperBuyer

NODE.JS | FILE SYSTEM | FTP

2021

- Developed web page scraper to pull product image from a link
- Automated image resizing and image file renaming
- Utilised Cheerio and Image-Resize libraries

Education

University of Technology Sydney

2017 - 2021

Bachelor of Science in Information Technology

Major in Enterprise Systems Development

Bachelor of Business

Major in Accounting

Certificate

CISCO Networking Academy

2018

CCNA Routing and Switching

Current Activities

Working full time at Hilti

Self studying with current ecommerce project

Researching on hosting platforms, docker and AWS to prepare next personal project