

Joel Chua

Aspiring Software Engineer.

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Portfolio: www.joelcodes.com

PROJECTS

NutriMate — Front End Website (React.js)

- Used React-Router-Dom to create routes for pages within the app.
- Used Material UI and React-bootstrap to create the User Interface.
- Set up a link with Spoonacular API to retrieve recipe information.
- Pair Programmed with 3 engineers and reviewed the team's code to provide additional perspective and catch previously missed errors.
- Worked in an agile environment with daily stand-ups.

BookingSystem — Full Stack Website (Next.js & Django/Spring Boot)

- Website for ships to book harbor clearance timing and berths when they enter and exit base.
- Used Next.js 13 for Front End.
- Used Material UI and Bulma to create the User Interface.
- Set up 2 Back End Servers using Django and Spring Boot.
- Solo Project for my previous workplace in the Navy.

EXPERIENCE

Republic Of Singapore Navy — Naval Officer MAY 2020 - PRESENT

- Created Full Stack Web App for Harbour Clearance and berth booking for Changi Naval Base.
- Project Lead for Multi Channel Network Implementation servicewide.

Thurlestone Shipping — Ship Broker and Operations Executive (Internship) MAY 2019 - AUG 2019

- Assisted in operations management for Dry and Liquid Bulk Cargo
- Worked with shipping clients to calculate laytime and demurrage.

EDUCATION

NANYANG TECHNOLOGICAL UNIVERSITY Feb 2023 – Aug 2023

SkillsFuture Career Transition Programme, Software Engineering

NANYANG TECHNOLOGICAL UNIVERSITY Aug 2016 – May 2020

Bachelor of Science, Civil Engineering, Maritime Studies (Honors, Distinction)

CAREER OBJECTIVE

Full Stack Developer with a constant drive for improvement. Enjoys working with team-members to ensure workloads are effectively redirected to bottlenecks and personally picking up the slack when necessary. With a passion for self-growth and software development. Ready and eager to apply my passion for programming to a talented engineering team to develop quality solutions.

SKILLS

IT: React, Next13, Django, Java SpringBoot, Selenium, Linux (Kali-Linux), Penetration Testing, Computer Hardware, PostGres

PROFESSIONAL CERTS & AWARDS

ADVANCED CERTIFICATE IN TEAM LEADERSHIP

(Singapore Workforce Development Agency in Team Leadership)

COMPUTER SCIENCE CAREER PATH

(Codecademy)

LEARN PYTHON 3 COURSE

(Codecademy)

LEARN SQL COURSE (Codecademy)

LANGUAGES

English (Spoken, Written)

Chinese (Spoken, Written)

INTERESTS

Fitness and Sports: Brazilian Jiu-Jitsu, Rugby, Gym

IT: Programming, Ethical Hacking, Virtual Reality, AI, Blockchain

