HERIZ YUSOFF

Front-End Software Engineer

mherizpy@gmail.com | +65 9105 3297 | github.com/novemforxuz | https://heriz-yusoff.vercel.app

Relevant Experience

Mobile Application Developer @ Panasonic R&D Centre SG

Jun – Oct 2022

- Devised and implemented a real-time interactive interface with open-source libraries (i.e. KonvaJS) to control robot
- Collaborated in a team of 4 and leveraged internal APIs (REST APIs) & Web-socket to achieve robot-to-web app communication
- Designed and implemented backend database using Mongodb and ExpressJS
- Conducted software testing to assure a seamless process

Mobile Application Developer Intern @ Panasonic R&D Centre SG

Jan – May 2022

- Diagnosed and resolved app defects by adopting Object-oriented concepts in Kotlin
- Initiated a tablet web application and leveraged Progressive Web Application technologies to provide user a steady offline experience
- Collaborated in a team of 3 in an agile project and maintained effective communication

Engineering Intern @ Anewtech Systems Pte Ltd

Sep 2017 – Feb 2018

- Developed and integrated an interactive Multilayered Survey and Quiz Android application with customised Sanbot movement controls using Java, Firebase Database, and Sanbot Software Development Kit, increasing foot traffic
- Created a real-time Visitor Management System Android app using Java and Firebase Database, enhancing visitor's visiting process

Academic Projects

Aesthetic Clinic, Mashu
- Built a Web app with Bootstrap, HTML/CSS and JavaScript for an Aesthetic clinic to provide a seamless UX process with mobile responsive interface,
- Utilised web marketing strategies (i.e SEO) to boost site traffic

Mental Wellness Mobile App, Float
- Developed a mobile app using React Native, Redux and AWS Amplify for students to improve their mental and physical wellness through guided video activities
- Visualised meaningful metrics to track user journey

Movie Booking System
- Planned and built a Full Stack Web app with HTML/CSS, JavaScript, PHP, and MySQL for a movie ticket booking with a personalised seating, booking information, and movies list

Skills

Programming Languages
JavaScript (ES6), HTML, CSS, Python, Java, PHP

Libraries & Frameworks
jQuery, React, Node.js, Express, React Native, Bootstrap, TailwindCSS

Database
MySQL, MongoDB

Tools & Platform
Git, Github, Firebase, Webpack, Vercel

Education

Nanyang Technological University

2020 - 2023

Bachelor of Engineering in Information Engineering and Media

Relevant coursework:
(1) Professional Internship, (2) Software Engineering, (3) Web Application Design, (4) Web Design & Technologies, (5) Database Systems, Interface Design, (6) Design & Innovation Project, (7) Introduction to Design & Project, (8) Data Structure & Algorithms

Singapore Polytechnic

2015 - 2018

Diploma in Computer Engineering

Relevant coursework: (1) Object-Oriented Programming, (2) Operating Systems, (3) Structured Programming

Interests

Reading, Running, Swimming