

Ryan Vu

FULL STACK DEVELOPER

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TECH STACK

- JavaScript | jQuery | HTML | CSS | React | TypeScript | Material-UI | Sass | Tailwind CSS | Framer Motion
- Python | Node.js | Express | MongoDB | Mongoose | MySQL | PostgreSQL | Sanity (CMS)
- Redux Toolkit | RTK Query | React Context API | React Hooks | React Query | Axios | REST APIs
- Jest | Unit Testing | React Testing Library | Git | GitHub | VS Code | PyCharm | Amazon Web Services (AWS)

PROJECTS

Blockbuster | *React, Redux (RTK), Material-UI, Node.js, Express.js, MongoDB, Axios, GitHub, AWS S3*

- Built a full-stack MERN movie review application with responsive design using React and Material-UI.
- Implemented Redux Toolkit for state management and created asynchronous HTTP Requests using Axios.
- Deployed backend using Heroku and deployed the website using Amazon Web Services - AWS S3.

Personal Portfolio Website | *React, Sass, Framer Motion, Git, GitHub, Sanity, Netlify*

- Built a full-stack, responsive Portfolio Website that integrates powerful animations using Sass & Framer Motion.
- Utilized Sanity, a content management system (CMS), to dynamically manage the contents of the application.
- Utilized React higher-order components for reusing component logic and deployed the website to Netlify.

Pong Game | *Python, Turtle Graphics, Canvas, Drawing, Object-Oriented Programming*

- Built the classic Pong Game that utilized the modularity of object-oriented programming at its best.
- Utilized Turtle to create logics for the game, customize sizes and display on the canvas.
- Increased the speed of the ball every time it touches the players' paddles.

Note Keeper | *React, Material-UI, React Query, Node.js, Express.js, Axios, MongoDB, Mongoose, Heroku, Netlify*

- Developed a full-stack MERN application that allows users to take note and delete when done.
- Utilized React Query for server-side state management and Axios for making asynchronous HTTP Requests.
- Managed database using MongoDB Atlas, deployed backend using Heroku and deployed frontend using Netlify.

Ace-Store | *React, Redux, RTK Query, React Router, Tailwind CSS, Node.js, Express, MongoDB, Render, Vite.js*

- Built a responsive e-commerce shopping cart using React Router for declarative routing.
- Implemented Redux Toolkit for state management, RTK Query for API fetching and pagination.
- Created Backend API using Node.js, Express and MongoDB, hosted as a web service on render.com.
- Utilized MongoDB Atlas to manage database, Vite for faster build and development environment setup.

EXPERIENCE

Sales Supervisor

Duy Tan Electric Material Co., Ltd

Sep 2017 – May 2020

- Exceeded sales target over 20% on my first year and 30% on my second year.
- Trained new hires with a professional attitude, controlled inventory and reported to sales manager.
- Responded to customer inquiries and complaints in a professional manner.

EDUCATION

Hamilton, ON, Canada

Mohawk College

Sep 2020 – May 2022

- Major: Diploma of Computer Systems Technician. GPA: 3.8
- Coursework: Mobile Web Programming; Programming Fundamentals (Python); HTML & CSS; Database Theory (MySQL); Data Structures and Algorithms; Software Quality & Testing; Programming in Java; Programming in .NET; Object Oriented Systems; Intro to System Analysis and Design, Intro to Intelligent Systems (Python)

Corpus Christi, Texas, USA

Texas A&M University – Corpus Christi

Jan 2016 – Aug 2020

- Major: Master of Business Administration. GPA: 3.8
- Coursework: Software-based Bus Solutions; Entrepreneurship; Administration Strategy and Policy.