

# Ryan Vu

## Software Developer

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### TECH STACK

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

### PROJECTS

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**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.

**Middy** | *React, React Hooks, React Router, JavaScript, Tailwind CSS, Context API, Vite, React Testing Library*

- Built a responsive t-shirt e-commerce shopping cart using React Router for declarative routing.
- Implemented various React Hooks, Context API, and modern JavaScript ES6 functions for state management.
- Utilized Vite for faster build and dev setup and wrote tests using React Testing Library for cleaner code.

### EXPERIENCE

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#### 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

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**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.