



TAI PHAM

Software Developer

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[Personal Site](#)

EDUCATION

University of Colorado Boulder (Boulder, CO)
Bachelor's Degree in Computer Science (2020)

Galvanize Hack Reactor Bootcamp
Full-Stack Software Development 2021

- 30-week online, part-time bootcamp focusing on core computer science principles and mastering both back-end, front-end and database technologies.
- Developed full-stack web applications utilizing JavaScript, Node.js, Express.js, and MySQL, while adhering to the MVC software design pattern, and leveraging the React framework.

TECHNICAL SKILLS

- **Programming languages:** C#, C++, Python, JavaScript, TypeScript, Java
- **Frameworks/libraries:** ReactJS, .NET, Node.js, express.js, redux, HTML/CSS, Stencil.js, JQuery, Webpack, StoryBook for React, Docker
- **Databases:** MongoDB, MySQL
- **Skills/tools:** Git, agile, Webpack, Docker, CI/CD

SUMMARY

Software Developer with a focus on front-end development using **JavaScript, TypeScript, and React**. Skilled in state management with **Redux, React Hooks**, **REST API integration**, and maintaining codebases with **Jest** and **React Testing Library**. I also have full-stack experience with **Node.js, .NET, C#, SQL, MongoDB** and **CI/CD** tools like **GitHub** and **Azure**. I thrive in Scrum based **Agile** and **TDD** environments, excel at **debugging** complex issues, and enjoy **collaborating** with **cross-functional teams** to bring projects from concept to production.

WORK EXPERIENCE

Software Developer

General Motors, January 2022 - Present

- Developed customer-facing front-end features with **React** for GM's **e-commerce** platform, driving over \$5 million in monthly revenue with over a million site visits.
- Implemented **RESTful APIs** with **Node.js** and **API caching** using **RTK**, greatly enhancing user experience and engagement by reducing page load times by up to 30%
- Facilitated a UX redesign in **collaboration** with **UI/UX designers** and **product managers**, improving customer satisfaction and increasing conversion rates by 30%.
- Led **code reviews** focused on styling and design, advocating for best practices in styling and promoting design thinking principles.
- Utilized HCL Commerce as a **CMS** to efficiently develop and **integrate APIs**, enhancing e-commerce functionalities and improving **authorability** for business users.
- Utilized **Jest** and **React Testing Library** for front-end **unit and automation testing**, ensuring high code quality and reliability, and contributed to improving digital product quality through rigorous testing practices..
- Conducted and resolved UI **security scans** with tools like **Black Duck** and **Fortify**, ensuring data integrity and user privacy.
- **Debugged** and resolved front-end high ticket items every sprint, allowing deployment schedules to run smoothly.
- Worked closely with the **DevOps team** to streamline the **deployment process using GitHub and Azure**, enhancing the efficiency and reliability of deploying updates across multiple environments

PROJECTS

Ecommerce website (MERN stack)

- Architected **MongoDB schema** and **Node.js RESTful API** to manage **CRUD** operations
- Utilize **Mongoose** as a ODM for **MongoDB** and Node.js to manage schema and data
- Containerized the application using **docker** for future **horizontal scaling** and **ease of deployment** to any environment

General Motor's United StoreFront

- Led the **integration of two separate web applications**(Parts/Accessories site) into a **single storefront**.
- Enabled features such as shared cart, shared catalog, and shared cookies across both sites, noticeably reducing development time by around 50%.