

Brian Pham | Software Engineer

I am a Software Engineer with 6 years of experience building an ecommerce business who has converted my business development skills into software engineering. I specialize in **MongoDB, Express, React, Node (MERN)** and **Django** web development and deployment to build applications alongside API systems. I am a lifelong student that is always looking to learn and improve myself both personally and professionally each day. I believe my ability to work in collaborative environments with transparent communication skills make me an excellent developer. I am excited to be applying for the Specialist Software Engineer position in the AT&T Digital Product Team.

Languages - JavaScript, Python, SQL, Mongo, JSON, Typescript, HTML5, CSS3, GraphQL, EJS, DTL, C++, Java

Database - PostgreSQL, MongoDB | **Other** - RESTful Routing, JSON, Stripe API, Amazon Web Services (AWS), Node.js

Libraries and Frameworks - React (class based and hooks), Express.js, Django, jQuery, Bootstrap, Semantic UI, Bulma

Software Development Projects

2021 - Present

The Exhibit - Full-stack ecommerce/social media hybrid application to share, like, comment, purchase and sell art.

- Singlehandedly executed the development of a full-stack hybrid ecommerce/social media website harnessing the **MEN (MongoDB/Mongoose, Express.js, Node.js) stack, CSS, Javascript, EJS, HTML, and Bootstrap**.
- Implemented Stripe API to manage secure customer payment processing and PicSum API to seed user content.
- Employed **Amazon Web Services (AWS)** cloud storage and **Multer** to handle file upload and image storage.

Wayfarer - Full-stack blog application where users can create articles and make comments on their world travels.

- Utilized the **Django framework, PostgreSQL database, Python, DTL, and Bootstrap** to build a RESTful application.
- Engaged with clients with daily morning check-ins and afternoon standups to develop a project while navigating clients' feature list to launch production on **Heroku**.
- Proactively coordinated a team of three to execute user story sprints and wireframes as designed by the clients.

Ticket Diary - Full-stack social media website where users can discuss, like, favorite, and share their love of film.

- Applied RESTful programming with a **MEN** stack to handle create, read, update, and delete (CRUD) operations.
- Reverse engineered the social media websites Instagram and Imgur and made improvements to their user experience, increasing the amount of viewable media at once and improving information flow per post.
- Collaborated in a team of two to specialize in application development as well as exercise pair programming skills.
- Implemented user authentication, authorization, and sessions in the backend for security to verify and restrict clients from accessing unauthorized portions of the application.

Professional Experience

Tiffany's Cosmetics - **Business Owner** | Los Angeles, California

July 2015 - Present

- Spearheaded the transformation of a family-owned brick-and-mortar store to an online business, expanding the customer base from local to international, increasing gross annual sales by nearly 200%.
- Created and strategically marketed a successful online business with over \$250,000 in gross annual sales and nearly 8000 transactions annually.
- Reduced employee work hours by 70%, decreased commute times by 80%, improving employee health and morale.
- Oversaw and managed more than 2,000 unique items with over 5,000 total items in inventory while evaluating sales records, changing market demands and trends.
- Consolidated business expenses by removing rent payments for a physical storefront yielding the business an immediate \$24,000 annual savings; reduced expenses by proactively investigating supply costs and negotiating with suppliers.

EDUCATION

General Assembly | Software Engineering Immersive

2021

Full-stack software engineering immersive student in an intensive, twelve-week, 480+ hour program focused on product development fundamentals, object-oriented programming, MVC frameworks, data modeling, client interactions, team collaboration and management strategies. Developed a portfolio of individual and group projects.

University of California, Los Angeles (UCLA) | Bachelor of Science in Biology with Specialization in Computer Science

2015

Alpha Lambda Delta Honor Society, Phi Eta Sigma Honor Society

Relevant Coursework: Advanced Programming | Intermediate Programming | Introduction to Programming | MATLAB

Programming for Behavioral Sciences | Principles of Java Language with Applications | Programming for Internet and Multimedia