

Brian Taylor | Software Engineer

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I am a Software Engineer with a background in visual arts and IT, I bring a unique blend of creativity and technical expertise to software development. My artistic skills enhance my ability to innovate and see beyond conventional approaches, adding a fresh perspective to every project. I am actively expanding my technical skills, including Python and C++. I seek roles that challenge me and contribute to technological innovation through creative solutions.

SKILLS

Languages: Python, JavaScript, HTML, CSS, SQL, Typescript, Git, Github

Databases and other: MongoDB, RESTful Routing, JSON API

Languages & Frameworks: HTML, CSS, JavaScript, React.JS, React Bootstrap, Node.JS.

Management & Deployment: Git, Github, Command Line

Other: Adobe Photoshop, Adobe Illustrator, Adobe XD, Adobe AE, Final Cut Pro, Blender, Unity.

SOFTWARE DEVELOPMENT PROJECTS

2023 - 2024

Mock Products App | MERN Stack (MongoDB, Express, React.js, Node.js), Bootstrap/Material-UI

- Developed a MERN stack-based online electronics marketplace featuring integrated frontend and backend, enabling CRUD operations for product management, and advanced search/filtering.
- Integrated a shopping cart for purchase management and employed React.js with Bootstrap/Material-UI for a responsive UI.
- Built server-side logic and APIs using Node.js and Express.js, leveraging MongoDB for data storage of user and product information.
- Incorporated a review and rating system, and constructed a large-scale product database for extensive inventory management.

TV Show Tracker | Node.js, Express, MongoDB, EJS, Axios

- Designed an application to transform TV viewing experiences, allowing users to discover, manage, and track favorite TV shows.
- Utilized Node.js, Express.js, MongoDB, and Axios to seamlessly integrate with the TVDB API, enabling user registration, login, and customized show tracking.
- Used EJS for dynamic content presentation, enabling viewers to easily curate their watchlist and personalize their viewing experience with features like favorites selection and episode tracking.

Event Tracker App | Python, Django, PostgreSQL, AWS S3

- Created an inclusive event planning application that serves both event planners and attendees, streamlining the organization and discovery of events.
- Used Python and Django to build the app's architecture, PostgreSQL for data storage, and integrated Ticketmaster Discovery API v2 for event search.
- Employed AWS S3 for efficient data management, ensuring a smooth user experience in event discovery and management, effectively linking planners with their audience.

EXPERIENCE

Geek Squad, Best Buy, Cleveland, OH

2021 - 2023

- Diagnosed and resolved a diverse range of technical issues for customers, resulting in a 30% increase in customer satisfaction scores and repeat business.
- Optimized the tech support process, enhancing efficiency and reducing average resolution time by 25%.

Samsung Certified Advisor, Best Buy, Cleveland, OH

2019 - 2021

- Leveraged expertise in customer-focused solutions and product knowledge.
- Applied insights from hands-on retail and technology experience.

EDUCATION

GENERAL ASSEMBLY, Software Engineering Immersive Certificate

Full-stack software engineering 500+ hour program focused on product development fundamentals, object-oriented programming, MVC frameworks, data modeling, and team collaboration strategies.