

Stephen Bilham

Software Engineer

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SKILLS

Languages: Node.js, TypeScript, JavaScript, GraphQL, SCSS, HTML5, CSS3

Frameworks/Libraries: React.js, Next.js, Express.js, Mongoose, Storybook, Bootstrap, Tailwind, Axios

State Management: Redux, Zustand, MobX

Databases: MongoDB

Testing: Jest, RSpec, React Testing Library

General: Git, Github, Postman, NPM, Figma, JIRA, SonarQube, Jenkins

WORK EXPERIENCE

CompanyA, Tech Consultancy, Irvine, CA (Remote)

Instrumental member of the Vehicle API (VAPI) development team, an application central to managing vehicle data for Toyota and Lexus globally, including series, models, years, trims, and other specifications.

Software Engineer

November 2021 – December 2023

- Supported the international expansion of VAPI, necessitating a comprehensive rebuild of the application architecture. This involved updating microservices, routes, API endpoints, state management, data models, schemas, and other components to allow for translation into multiple languages and global team users.
- Implemented backend functionalities, middleware, and server logic using Node to manage API endpoints and process and transform vehicle data, ensuring efficient data management and system functionality.
- Contributed to the Software Development Life Cycle (SDLC) in an Agile work environment, including architecture, design, testing, team code reviews, and cross-functional collaboration with QA and Project Management teams.
- Developed a pixel-perfect, responsive Payment Estimator feature for Toyota and Lexus websites with Storybook and React, using location-based calculators and custom algorithms to estimate new car costs and financing options with deals and offers.

Junior Software Engineer

November 2020 – November 2021

- Wrote unit tests with Jest increasing testing coverage within the app to a threshold of 60%+.
- Built reusable static and dynamic components in React to supplement the modular architecture library.
- Collaborated with senior developers to refactor legacy code to improve overall application and performance and maintainability, applying best practices and coding standards for optimal results.

Westgate Resorts, Orlando, FL (Remote)

June 2020 – August 2020

Front-end Engineer and Design Intern

- Utilized HTML/CSS/SCSS skills to create visually appealing email templates from Figma designs.
- Employed automation tools for efficient deployment and management of email campaigns, ensuring timely client communication.

ZEAL, San Diego, CA

January 2020 – February 2020

Full-Stack Developer Intern

- Created a reservation application using React, JavaScript, and SCSS for the La Jolla Theater, allowing users to reserve theater and practice spaces on a shared calendar.
- Developed GraphQL endpoints for selected data fields, customizing queries and mutations to import and modify specific information into the client browser.

EDUCATION

LEARN Academy, San Diego, CA

February 2020

Full-Stack Web Development Certificate - React, Ruby on Rails, PostgreSQL (480+ hours)

University of California, San Diego, La Jolla, CA

May 2019

Bachelor of Arts — Communication