

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, TanStack

State Management: Redux, Zustand, MobX, Local & Session Storage

Databases: MongoDB

Testing: Jest, RSpec, React Testing Library, Cypress

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

WORK EXPERIENCE

Alpine Solutions Group | Synchrony Bank, Philadelphia, Pennsylvania (Remote) **June 2024 – Present**

Software Engineer

- Developed and integrated a Micro Frontend (MFE) wrapper that unifies various MFEs into a cohesive user interface, enabling users to seamlessly navigate and manage credit accounts for major financial products like Amazon and Verizon credit cards.
- Implemented user-centric features for credit line increases and rewards access, enhancing user engagement and streamlining the user experience across the Synchrony Bank platform.
- Achieved 80% test coverage across the application using Cypress, ensuring the reliability and performance reducing the potential for bugs in production.

CompanyA, Tech Consultancy, Irvine, CA (Remote)

Mid-level Software Engineer

November 2021 – December 2023

- Contributed to the development and integration of vehicle-related microservices for Toyota and Lexus, enhancing the performance and usability of the Vehicle API (VAPI) system.
- Collaborated across microservices repositories, dividing the application into independently deployable npm modules, such as reports, specs, models, and user profiles, to enhance scalability and maintainability.
- Expanded a standardized library of reusable components using React and TypeScript, streamlining the development process across projects, reducing development time, and ensuring consistent UI/UX.
- Developed and maintained scalable backend functionalities and RESTful APIs using Node.js, including middleware and server logic, to handle complex data processing, ensure accurate validation, and optimize database queries, improving data retrieval times and communication between frontend components and microservices.
- Led architecture design discussions and contributed to the Software Development Life Cycle (SDLC) in an Agile environment, overseeing testing, team code reviews, and collaboration with QA and Project Management teams to deliver high-quality software on time.
- Developed a Payment Estimator feature for Toyota using Storybook and React, leveraging location-based calculators and custom algorithms to estimate finance or lease options, which increased user engagement and supported regional offers and deals.

Junior Software Engineer

November 2020 – November 2021

- Collaborated with senior developers to refactor legacy code, improving application performance and maintainability, and ensuring long-term scalability by applying best practices and coding standards.

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