

Beau Davenport

Full-Stack Software Engineer

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Professional Experience

World Wide Technology Application Services

April 2015 - Present

Schnucks Grocery Mobile App: Built, launched, and maintained a React-Native-based grocery rewards program app with 4.0+ ratings in both Apple AppStore and Google PlayStore, with thousands of daily users. Integrated analytics, custom native modules, performance improvements, accessibility, as well as best practices in React and Redux at the team level.

Financial Client Management Suite: On multiple teams serving the same financial client, spearheaded the early adoption of React and helped coach other teams who were moving into using it. Responsibilities for these projects included building and maintaining REST-based .NET Web APIs with React-based front-ends, microservice integration and data management at enterprise scale, and the eventual migration to Docker, .NET Core and AWS for public-facing product development.

Security Guidelines Documentation: Participated as a committee member and author of a security best practices effort in the Web/Javascript practice, with guidance documentation provided to the company at large.

Lead Interviewing: As one of two lead interviewers for the Javascript practice, conducted interviews, trained other interviewers, and helped maintain documentation and guidance for screening and interviewing.

Freelance Work

May 2013 - Present

Professional Astrology Blog/E-Commerce: Built a static e-commerce site for a local astrology consultancy practice, using Jekyll and basic Paypal integration. Updated site to maintain static-site generation model while leveraging Gatsby, Netlify CMS, and Snipcart for a full content-management system allowing dynamic blog and informational content with full-featured online ordering. Both versions are mobile-responsive.

Park Avenue Coffee

September 2007 - March 2015

Inventory Management App: Created a management tool for roasted and unroasted coffee, allowing daily recording and calculation of current coffee inventory, built with Backbone for the front-end and an Express server on the back-end.

Technical Proficiencies

Frameworks and Languages: Javascript (ES6), React, React-Native, Redux, Node, Express, .NET, .NET Core, AWS, Docker, Gatsby, Netlify, GraphQL, REST, Responsive Design

Testing Tools: Jest, Enzyme, Mocha, Nightmare, Selenium, Detox

Practices and Skills: Interviewing, Documentation, Technical Diagrams, Client Demos, Security, Authentication, Mentorship, Accessibility, Web Standards, Test-driven Development

Education

Certificate, Harvardx CS50x, Harvard/MIT's Edx online courses, 2014

Coursework included implementation of low-level computer science concepts including pointers, structs, hash tables, linked lists, memory leaks and encryption

Bachelor's Degree in Liberal Studies, University of Missouri St. Louis, 2006 - 2010

With curriculum emphasis in Cultural Anthropology and Spanish, studies also included Conservation Biology, Political Science, Chinese, International Economics