

Brent Mealhouse

JavaScript Developer

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<https://bmealhouse.dev>

SKILLS

JavaScript, TypeScript, React, Next.js, styled-components, tailwindcss, Jest, React Testing Library, Node.js, GraphQL, Babel, Webpack, Rollup, XO, CI/CD

EXPERIENCE

Lead JavaScript Developer, Securian

Mar 2018 – Apr 2021 / Independant consultant

Mentored a small team of talented developers, building Benefit Scout – an educational tool that has grown to support 1.7M users and has directly contributed to \$5 million of Securian's annual enrollment revenue.

- Led full-stack development across several repositories using React, React Query, TypeScript, Node.js, Serverless, DynamoDB, and ElastiCache
- Regularly contributed to Securian's design system built with React, styled-components, and Storybook
- Deployed as often as possible through CI/CD using feature flags to keep our master branches deployable
- Created a powerful integration test suite on top of Jest and React Testing Library with automatic mocking and client emulation
- Supported and enhanced our chatbot, Scout, using Amazon Lex and Amazon SageMaker
- Usually, pair programmed or mobbed on stories when it provided value

Lead JavaScript Developer, Amano McGann

Jan 2017 – Feb 2018 / Independent consultant

Architecture for Amano McGann's future frontend platform and design system built on top of Next.js and styled-components.

- Developed a simple GraphQL proof of concept to aggregate data from REST services, a MongoDB data store, and client storage (in-memory cache)
- Built an interactive visualization using React, Redux, and SVG to help customers understand how to configure their parking rates
- Used Yarn workspaces to create small internal packages for reuse between projects

Lead JavaScript Developer, Best Buy

Dec 2014 – Nov 2016 / Independent consultant

Developed A/B tests across bestbuy.com to determine what features provide the best user experience and increase the overall site conversion.

- Transformed legacy A/B testing code into a maintainable architecture using Babel, Webpack, Node.js, and Karma
- Moved the A/B testing team to Best Buy's standard release management process, which reduced risk and provided more visibility for artifacts deployed to production
- Optimized development workflow for fast feedback and increased developer productivity
- Consistently evaluated dependency upgrades to ensure our team could leverage the latest features and prevent our stack from becoming stale

EDUCATION

Bachelor of Science, Software Engineering

Brown College, August 2010

Associates of Arts, Information Technology

Brown College, December 2005