

# Brent Mealhouse

JavaScript Developer

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<https://bmealhouse.dev>

## SKILLS

JavaScript, TypeScript, React, React Query, Next.js, styled-components, tailwindcss, Jest, React Testing Library, Node.js, AWS, Serverless, DynamoDB, ElastiCache, Webpack, Rollup, Babel, XO, Prettier, CI/CD, GitHub

## 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 main branch deployable
- Created a robust 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
- 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