

Brian Thompson

Address: 3900 Thompson Ln
Alton, IL 62002

Phone: 618-402-5414

Email: brwthompson14@gmail.com

Website: brian-thompson.com

Skills

- React – 7 years
- JavaScript – 7 years
- Node – 5 years
- Next.JS – 5 years
- Jest - 3 years
- Docker – 4 years
- CI/CD automation – 4 years
- Git – 7 years
- Laravel – 7 years
- PHP – 7 years
- TypeScript – 5 years
- MySQL – 7 years
- React Testing Library - 3 years
- HTML/CSS – 8 years
- Java/Spring - 1 year

Professional Experience

Senior Consultant - Daugherty Business Solutions (2022 - Present)

Client: Best Buy

Description:

- Created omnichannel communications platform for use by 7000+ Best Buy employees and 3rd party vendors to interact with customers via chat, voice, video chat, Apple Business messages, and SMS; consolidating agents from multiple platforms into one centrally managed application
- Developed strategy for using plugin architecture to optimize separation of concerns, reusability, and development efficiency
- Designed and implemented automated deployment solution using GitHub Actions that manages testing, scanning, building, versioning, and deploying our applications

Engineering Manager - Fitness Plus (2019 - 2022)

Description:

- Plan, manage, and contribute to projects developing new software based on high level company objectives
- Teach junior developers at every available opportunity
- Administer the local and production servers running a combination of custom and third-party software

Software Developer (Full Stack) - Fitness Plus (2017 - 2019)

Description:

- Maintain an industry leading fitness equipment e-commerce website
- Build tools and reporting for internal use by warehouse, accounting, marketing, and customer service departments
- Act on feedback from both internal users and customers
- Collaborate with a small team or work individually using the scrum agile methodology
- Take full ownership of projects during the entire project management life-cycle
- Effectively train and supervise an intern

Project Highlights

- Automated CI/CD (2021)
 - Containerized 10+ Node and PHP apps using Docker
 - Configured GitLab CI/CD to build, test, and deploy containers to production
 - Resulted in improved reliability and increased our deploy frequency
- Performance Optimization (2022)
 - Migrated our central React app from a static JS build to Next.JS
 - Altered data-fetching strategy both at the API and database level resulting in a decreased page load time of up to 90% on critical customer-facing pages
- Code Organization (2019-2021)
 - Consolidated over 50 Git repositories that were in production but abandoned as no longer maintainable into a select handful of core repos, while still maintaining DRY and SRP practices.
 - Packaged reused JS and PHP code into private npm and composer packages following semantic versioning
 - Instituted formal guidelines for code formatting, testing, and reviewing code
- New Cart/Checkout system (2017)
 - Completed a redesign that streamlined and modernized customer experience
 - Resulted in a 15% decrease in abandoned carts after implementation
- Inventory Mobile Web-app (2019)
 - Created a mobile web-app integrated with a barcode scanner used to stock, transfer, and audit product quantities and locations in an e-commerce warehouse
 - Built reporting tools for accounting and warehouse management to act on collected data
- Warranty Management (2018)
 - Designed and built a system for customers and service providers to register equipment warranties as well as submit and track claims
 - Developed reporting and tooling for manufacturers to manage warranties and claims

Education

Bachelors of Science - Information Technology - Missouri Baptist University (2017)