
BRETT ABRAMCZYK

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PROFILE

Passionate software engineer with 3+ years of developing applications for the web.

Responsibilities have spanned all facets of software development, from full stack engineering work to design to management. Participates in and contributes to OSS. Strongest technical skills include TypeScript, JavaScript, HTML, CSS, React, NodeJS, GraphQL, and Docker.

EXPERIENCE

Senior Full Stack Engineer, Northwestern Mutual — Milwaukee, WI Q2 2019—Present

- Research, discovery, development, and design in 4 different innovation projects, built from scratch, including:
 - **ProQuo**: A racing platform that gives athletes rewards for sharing their data and performing well
 - **MIB**: Integrating with an API that provides medical EHRs, to accelerate underwriting
 - **Exam Connect**: A SPA that facilitated scheduling paramedical exams for applicants
 - **Plan Execution**: Allows a financial rep to set up a financial plan for a client, and automate the movement of funds to their goals
- Helping to lead and foster a culture of a growing team of engineers on the innovation team
- Maintenance of public facing NM innovation website
- Technologies included: Node, JavaScript, TypeScript, GraphQL, AWS, Docker, Kubernetes, Terraform, React, Vue, GitLab CI/CD, Ansible, Kibana, and Jaeger

Software Engineer Team Lead, AkitaBox — Madison, WI Q1 2019—Q2 2019

- Mentorship and guidance of an agile software team
 - Involvement with product owners in discussions about roadmap and strategy
 - Redesign and migrating agile processes
 - Enablement of team to get work done with minimal distractions and roadblocks
 - Helped build an application for AkitaBox admins, from scratch
 - Technologies included: TypeScript, React, Redux, MongoDB, Mongoose, Express.js, and NodeJS
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Software Engineer, AkitaBox — Madison, WI

Q4 2017—Q1

2019

- Lead an effort to rebuild flagship PlanView application from Backbone.js to AngularJS
- Pushed for the adoption of React and TypeScript, which were used in building new apps
- Personal development of CLI for engineers to help automate common development workflows
- Completion of multiple foundational tech debt efforts, such as database restructuring and performance optimizations in a MongoDB database
- Collaboration with product team on UI/UX decisions

Junior Software Engineer, AkitaBox — Madison, WI

Q2 2017—Q4 2017

- Participated in the successful migration of ListView application from Backbone.js to AngularJS
- Participation in agile full stack work on the MEAN stack
- Maintenance for API built on MongoDB/Mongoose, Node.js, and Express.js

Web Developer Intern, Ancilla Partners Inc. — Milwaukee, WI

Q2 2016—Q3 2016

- Company website maintenance; eventual redesign and conversion to WordPress
- Full stack work for multiple healthcare websites, primarily with PHP and SQL
- Collaboration with customers and design team to find optimal solutions

SKILLS

Languages and Technologies

- **Proficient:** GraphQL, React, React Hooks, TypeScript, JavaScript, CSS, HTML, Jest, Testing Library, AngularJS, Mongoose, CSS-in-JS
- **Experienced:** SQL/MySQL, AWS, Docker, Kubernetes, Terraform, Shell scripting, Vue, Redux, MongoDB
- **Limited/Forgotten:** C++, Java

EDUCATION

University of Wisconsin-Madison

2014—2017

Bachelor of Arts in Computer Science

Dean's List (3/6 semesters)