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# BRETT ABRAMCZYK

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## PROFILE

Passionate software engineer with 3+ years of developing dependable and lovable software for the web. Responsibilities have spanned all facets of software development, from full stack engineering to UI/UX design to management. Strongest technical skills include React, TypeScript, AWS, GraphQL, REST, HTML, CSS, JavaScript (ES 2020), SQL, 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 race management platform built for the virtual world.
  - **Exam Connect**: App that facilitates scheduling paramedical exams for applicants
  - **Plan Execution**: App that automates a client's financial goals
  - **MIB**: Integrating with an API that provides medical EHRs, to accelerate underwriting
- 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: NodeJS, React, JavaScript, TypeScript, GraphQL, AWS, Docker, SQL, Kubernetes, Terraform, 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:** React, React Hooks, TypeScript, AWS, GraphQL, Apollo, JavaScript (ES 2020), SQL, Docker, CSS, Accessible HTML, Jest, Testing Library, CSS-in-JS solutions, Redux, REST
- **Experienced:** Kubernetes, Terraform, Shell scripting, Svelte, Vue, MongoDB
- **Limited/Forgotten:** C, C++, Java, Python

## EDUCATION

**University of Wisconsin-Madison**

2014—2017

Bachelor of Arts in Computer Science

Dean's List (3/6 semesters)