👨🏼‍💻 BRETT ABRAMCZYK

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PROFILE

Excited and curious software engineer with 5+ years of building **delightful and dependable** software for **the web**; the guy who inevitably cares more about **testing and automation** than anyone on the team.. Responsibilities have spanned all facets of software development, from **full stack engineering** to **product design** to **management**. Strongest technical skills include **React, TypeScript, AWS, GraphQL, REST, HTML, CSS, JavaScript, SQL,** and **Docker**.

EXPERIENCE

Senior Full Stack Engineer, Wonder — Berlin, Germany   Q1 2021—Present

- Co-lead a complete rewrite of the frontend React app, where hundreds of users can freely move their avatar on a <canvas> and chat with users they're close to over WebRTC
- Introduced a brand new Keyboard Shortcuts feature during a hackathon, including user research and UX design
- Lead observability efforts for a React application using Sentry and OpenTelemetry

Senior Full Stack Engineer, Northwestern Mutual — Milwaukee, WI   Q2 2019—Q1 2021

- 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 Northwestern Mutual innovation website
- Technologies included: NodeJS, React, JavaScript, TypeScript, GraphQL, AWS, Docker, SQL, Kubernetes, Terraform, Vue, GitLab CI/CD, Ansible, Kibana, and Jaeger

Software Engineering Manager, AkitaBox — Madison, WI   Q1 2019—Q2 2019

- Mentorship, guidance, and management of an agile software team
- Collaboration with product owners in discussions about roadmap and strategy
- Redesigned the team's agile processes; got sprint planning down to 10 minutes
- Enablement of team to get work done with minimal distractions and roadblocks
- Helped build an TypeScript/React/Redux application for AkitaBox admins, from scratch
- Technologies included: TypeScript, React, Redux, MongoDB, Mongoose, Express.js, and NodeJS

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 TypeScript CLI for engineers to help automate common workflows that
  used Jira, GitHub, Git, and CLI build tools
• 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, WebRTC
• Limited/Forgotten: C, C++, Java, Python

EDUCATION

University of Wisconsin-Madison   2014—2017
Bachelor of Arts in Computer Science
Dean's List