Kyle Geib Full Stack JavaScript Developer

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About

I am a Full Stack JavaScript (TypeScript) developer with 9 years of professional programming experience. My primary focus is in React and JavaScript development and I have a history with a variety of web technologies. I've taken time between roles to work on independent projects to improve my talents as a web developer. My desire is to build web apps with polished and dynamic user interfaces and write the APIs that power them.

Strengths & Skills

- Current strengths: React, TypeScript, Redux, CSS, animations, react-spring, and styled-components
- Additional skills: Node.js, Docker, AWS, GraphQL, Apollo Client, MySQL, Flow, and Python
- Budding skills: Data visualization with D3.js and SSR with Next.js • Prior skills: PHP and Java

Experience

Crystal Equation Corp. – Contract @ Meta (then Facebook)

June 2019 – June 2021 (Contract extended to a maximum two years)

Software Development Engineer II

- Built React tools in a mature and varied codebase using Facebook's own state management and type systems
- Designed multiple APIs in Hack (Facebook's extension of PHP) that interfaced with various database services
- Regularly navigated Facebook's circuitous code paths that crossed multiple languages, services, and domains
- Wrote automated reporting scripts in Python that interfaced with internal reporting and data metrics tools

Accretive Technology Group, Inc.

January 2013 – January 2018

Support Engineer (2015 – 2018) – Software Development Engineer in Test (SDET) (2013 – 2015)

- Regularly found, researched, and fixed high impact/low frequency bugs in sensitive production back-end PHP
- Built custom software and organized the human translation of over 8,000 site strings to eight languages
- Wrote unit tests and tracked code coverage metrics for front-end feature teams

Independent Projects

F1 World Broadcast Emulator *github.com/TiE23/sab-f1-ui*

December 2021 – March 2022

Frontend React Developer & Designer

- Utilized advanced CSS and React animation modules to create on-screen graphics rarely seen on the web
- Constructed a large central Redux state engine to manage both application and user interface states
- Custom-designed input components to fit exact needs and to break away from component library dependency

Metric-Teacher.com *github.com/TiE23/metric-teacher*

May 2018 – January 2019

Full Stack JavaScript Developer & Designer

- Designed a mobile-first responsive single-page Progressive Web App using React and Semantic-UI
- Architected a Node.js back-end defining application logic that interfaced with a GraphQL database
- Docker-ized and hosted on AWS with proper TLS/SSL security using Traefik and Let's Encrypt

Education

University of Washington Bothell - *B.S., Computer Science & Software Engineering* - Graduated 2013