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Austin D. Benesh

Technologies

- *Expert Level*
  - Javascript (ES6+), React / Redux, Node.js
  - MySQL
  - Test driven development paradigms
  - Functional JS Libraries: ImmutableJS, Ramda, Lodash
  - Functional Programming patterns: currying & partial application, lazy evaluation, higher-order functions, pure functions, reducers, memoization, functors & monads
  - Linux, Docker
- *Proficient Level*
  - Kubernetes
  - Elixir
  - Python
  - GraphQL
  - Neo4j
  - Angular, RxJS

Employment

Senior Software Engineer **BitBuild, Inc.** **May 2018 – Current**

BitBuild is a company where I have the opportunity to work with many great people, awesome technologies and challenging projects. I have been lead frontend developer on a project for *BYU – Pathway Worldwide*, integrating knowledge of React / Redux with an external test-taking API. We are building our own replacement for this test-taking API using all the best technologies: Node.js, Kubernetes, React, Neo4j, MongoDB, GraphQL, etc. I work with the backend team to create APIs that integrate seamlessly with the frontend views.

Frontend Engineer **Quantum Metric, LLC** **November 2017 – May 2018**

At Quantum Metric I analyzed terabytes of data on a daily basis. My role here was to develop and improve a UI to present this data in such a way that it could be utilized for critical business decisions. I worked daily with React / Redux, creating a sophisticated application with thousands of components. We focused heavily on functional programming techniques, such as immutability, lazy evaluation, memoization, etc. For the backend, we used Node.js and Google BigQuery to manage this massive amount of data. While working at Quantum Metric, I gained a deep understanding of Javascript and a solid foundation in functional programming. Our clients included Wal-Mart, Disney, eBay, PayPal, Emirates Air and many others.

Backend Web Developer **Eli Kirk Riser** **October 2016 – August 2017**

As a web developer at one of the premiere digital marketing agencies in Utah, I worked on a number of projects for high-profile clients. My work included constructing sites in Laravel and WordPress. Additionally, I completed a significant frontend project with React / Redux and gained a solid foundation with CSS and web design. Through our weekly developer trainings, I improved as a professional programmer, including constantly learning new technologies.

Education

Brigham Young University, *Bachelor of Music,* August 2015 **2008 - 2015**