Ben Turner | Software Engineer

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[Portfolio](#) | [LinkedIn](#) | [GitHub](#)

"The hallmark of mastery is the ability to communicate a complex idea using simple terms."

I am passionate about using software to solve problems. It is the perfect blend of science and art; it never gets old. Constant learning and discovering is what gets me up in the morning!

Skills/Technologies

React/Angular	MongoDB	Node
Mocha/Chai/Jest/Cypress	Typescript	Material UI
NPM	CSS	RESTful APIs
HTML5	Single Page Applications	
JavaScript	Webpack	
Postman	Git	

Professional Experience

Software Engineer @ Fidelity Investments   February 2020 – Present

- Contributed essential Angular components to a large-scale enterprise web application used internally by 15000+ users.

Software Engineer @ TimeShareWare   April 2019 – February 2020

- Built a React/Redux component library for a large single page web application used by 30+ clients. This included a full set of conventional UI elements as well as custom hooks and higher order components for reusing logic and shared state. For users with different authorization levels, I developed a security layer that wrapped each component in a doorway system which guarded access to sensitive data.
- Trained a 15-person team of developers on React for a major update to a new version. This included using hooks, redux, webpack as well as instruction on best practices, state management, design patterns, and one-way data flow.
- Designed and implemented a mock data generator library which increased the efficiency and productivity of the entire UI team.

Web Developer (Contract role) @ The Dicey Merchants, LLC   March 2019 – May 2019

- Designed and built a web application to assist with a D&D style board game. The product was built using React, Material UI, Node, and MongoDB.
- Project required a web socket implementation that allowed for multiple screens to interact with each other and the web server simultaneously.
- Authentication system was created using JSON Web Tokens.

Lead Instructor/Web Developer @ V School   May 2017- March 2019
- Designed, implemented, and taught a Full Stack Web Development certificate course focused on modern web technologies such as Node, React, and MongoDB. Helped prepare nearly 100 students for a career in web development over the course of 2 years.
- Successfully transitioned the entire curriculum from Angular to React in 3 months. This included creating exercises, writing articles and lecturing on React best practices and design patterns.
- Built a custom web application used company-wide for internally tracking student progress.

Education

B.S. Philosophy, University of Utah | *December 2014*
Full Stack Web Development Certification, V School | *January 2017*