BRANDON STILES

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PROFILE

My goal is to write scalable web applications that are easy to maintain. I enjoy the creative and critical thinking that is required to design efficient code, and I use my downtime to sharpen my skills and master new technologies. My best work happens in a collaborative environment where a growth-mindset is at the center of each project.

SKILLS

- React
- Redux
- JavaScript
- TypeScript
- AWS
- HTML
- CSS / Sass
- Protractor
- Jasmine
- Jest / Enzyme
- Node
- Express
- DynamoDB
- MongoDB
- MySQL
- Jenkins
- Heroku
- Datadog
- Webpack
- Git

EXPERIENCE

MERKLE New York, NY   Feb 2018 – Present
Software Engineer

- Build interfaces used by Fortune 500 companies to launch targeted advertising campaigns, convert big data into market insights, and generate tracking pixels via React and Redux
- Develop web servers in Node to deliver frontend content, authenticate users, and read-write to DynamoDB
- Transform large datasets into interactive graphs and visualization components using D3.js and Recharts
- Enforce code quality through unit testing and end-to-end (e2e) testing with Jest, Enzyme, and Protractor
- Led a site-wide refactor of frontend code from Angular to React
- Oversaw the migration from a legacy multi-page app (MPA) to a single-page app (SPA) for improved performance and to promote reusable code
- Designed and implemented a dashboard for site administrators to manage users and toggle features in real-time

BUZZFEED Los Angeles, CA   2014 – 2016   **DISH NETWORK** Denver, CO   2012 – 2013
Senior Financial Analyst   **Associate Analyst**

PROJECTS

WRECK FINDER   https://wreck-finder.herokuapp.com/

- Search for over 24,000 shipwrecks and obstructions in United States waters recorded by the National Oceanic and Atmospheric Administration (NOAA)
- React and Redux frontend features an interactive map, advanced search, articles, and user favorites
- Node and Express server handles CRUD database operations and OAuth user authentication via Passport
- Wreck and user data are stored and queried in MongoDB – modeling and validation by Mongoose
- APIs include Leaflet for mapping and Wikipedia, New York Times, and Library of Congress for articles

EDUCATION

University of California, Los Angeles (UCLA)   June 2017
Certificate, Full-Stack Web Development

California Polytechnic State University (Cal Poly), San Luis Obispo   June 2012
Bachelor of Science, Business | Minor: Economics