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Alex Bennett | Software Engineer

7 years of professional software development experience, spanning across industries, technologies, and teams. I have independently contracted and I have also co-founded a technology start-up. I like to engage in many aspects of the software development process. I am a believer in DevOps, and enjoy building high-performing cross-functional teams. I also enjoy mentoring, speaking, and giving back to the OSS community. I am currently enjoying studying Rust + Wasm and am building a website for a non-profit which feeds starving people in Colombia.

Seaspan Corporation | Lead UI Architect

July 2018 - Present (1 year 10 months) Greater Denver Area

Building a technology team from scratch, creating a culture of software development, and architecting front end applications for a 9 billion dollar company.

1) Setting up software development processes

- Using SCRUM methodologies with an agile mindset
- CI/CD pipelines
- Git for version control and code reviews
- Pair programming / Mob programming

2) Building a software development team

- Interviewing, creating technical assessments and hiring developers
- Facilitating daily stand ups, sprint cycles, sprint retros, sprint planning, code reviews and mentoring Jr. developers.

3) Crafting software solutions for enterprise companies

- Architected and implemented a Micro Frontend Architecture - Using React, webpack, node.js, and AWS
- Leveraging typescript
- Leading software design discussions across the stack

4) Product Management

- Interfacing with stake holders to gather business requirements
- Reporting to, collaborating with and gathering feedback from stakeholders

- Breaking down business requirements into developer stories

Miner & Kasch | Web Developer

November 2017 - July 2018 (9 months) Remote, Baltimore, NJ

Working along side a team of Data Scientists to create end-to-end solutions for clients that allow them to reason about their data more easily through the use of GUIs, interactive information graphics, and other visual representations of data.

Research Tool for A Big Pharmaceutical Client:

- Built a highly functional dashboard that allows research scientists to navigate and understand large sets of data quickly so they can spend their time researching and not checking to integrity of data
- This tool enabled to research of cancer researchers and other scientist in the health field

DJCity:

- Added features to an angular.js application, which consumes a python flask application.

Marketing site:

- Designed, developed and deployed a headless Wordpress CMS with a React.js front end and Node.js server.
- Set up and configured Wordpress on AWS EC2 with Advanced Custom Fields and ACF to WP V2 API
- Developed a React front end in TypeScript and SASS and deployed on AWS S3
- Developed an Email Micro Service in Node.js and deployed to AWS EB

Artifact Uprising® | Web Developer (Contract)

August 2017 - November 2017 (4 months) Denver, Colorado

Working with a team to build a photo editing application in React.js.

- TDD react.js with jest and enzyme - Redux, React router V4, Flow types

Online product builder:

- Did TDD feature work on product builder which allows users to upload their photos into different physical products and to adjust the images within them as well as toggle product attributes before sending to printers.

Magneto admin tool:

- Built a React application to live inside a magneto UI, allowing the sales and CX teams to see granular customer information. This admin tool also integrates with the product builder, allowing users to easily open a customers project in the product builder.
- Created and held a space for learning and teaching through code reviews and mob programming.

Universal Mind | Technical Consultant

April 2016 - November 2017 (1 year 8 months) Denver

Providing consult regarding software development on behalf of Universal Mind.

- JavaScript and Node.js. - Angular 1.x / Angular
- React.js
- PHP Laravel framework
- Scala Play framework
- Agile / Scrum / Kanban / TDD / code reviews / pair programming + Mob programming

MicroStar Logistics | Web Developer (Contract)

May 2017 - July 2017 (3 months) Greater Denver Area

Architected, implemented, designed and deployed a highly functional dashboard which allows Microstar users to perform many business critical operations.

Architected:

- Designed and built an algorithm which takes a users permissions as well as company relationships to construct a deeply nested dashboard which allows admin users to see and act on behalf of multiple dashboards at a time. All of this logic lives on the client.

Implemented:

- Was sole developer on project. Responsible for implementing in React.js, React Router V4, SASS, Redux, ES2015/2016.

Designed:

- Created all UX and UI designs. Generated digital assets in the form of SVG's and a living brand style guide. Provided font selection as well as many other visual identity components. Used Adobe Creative Suite, Semantic-UI React, PHP for the live style guide, pen and paper for rapid prototyping.

Deployed:

- Wrote shell scripts which build, test, minify, gzip, set permissions, and enable website static hosting on an Amazon S3 bucket.

MapQuest | Web Developer

May 2016 - May 2017 (1 year 1 month) Greater Denver Area

mapquest.io:

- Responsible for green field development of mapquest.io UI in typescript, Angular, node.js, and Postgres.
- Set up hosted envs for UI, DB, and Server in Amazon S3, Elastic Beanstalk and RDS.
- Built CI/CD pipelines using Jenkins multi pipelines. Written in groovy.
- Worked with the ELK stack (Elasticsearch, logstash and Kibana).
- Paired with developers on a Scala play backend.
- TDD / Kanban / Agile methodologies.

mapquest.com:

- Wrote Angular.js on front end and Scala (Play Framework) on back end.

developer.mapquest.com:

- Implemented a complete redesign of a 50 page Drupal site.
- Worked in a LAMP stack, writing HTML5, CSS3 / SCSS , JS, and PHP.

business.mapquest.com:

- Implemented a static marketing site using HTML5, SCSS, and JS (ES6)

devblog.mapquest.com:

- Maintained and implemented new features, working with AMP CMS.
- Wrote twig templates, JS, PHP, HTML5 and SCSS.

Student IDEals Lead Designer/Front-end Developer

December 2012 - August 2015 (2 years 9 months) Los Angeles, California

Built, Co-Founded, and grew an e-commerce start-up from 0 to 50k users in 1.5 years. Product manager, designer and front end developer of four digital products. Two websites: one LAMP stack and one wordpress. And two mobile apps: one native iOS and one Titanium Appcelerator.

Education

Galvanize Inc

Web development, Computer Science · (2015 - 2016)

Art Center College of Design

Night courses in Business and Design Management · (2013 - 2013)

Occidental College

Bachelor of Arts, Diplomacy and World Affairs · (2008 - 2013)