

Brooks Patton

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Full-Stack Engineer

Key competencies include:

- Builds and deploys MVP (Minimum Viable Products) quickly
 - Practices Test Driven Development (TDD) to ensure that the project can pivot quickly and safely
 - Building a game in Rust that will help programmers of all skills learn AI programming
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Technical Skills

Frontend: CSS | HTML | JavaScript | React | Bootstrap 4

Backend: Node.js | Bash | Rust | Docker | Postgres | MongoDB

Other: TDD | Agile/Scrum | Project Planning | Leadership | Debugging

Professional Experience

Full-Stack Engineer

August 2018 - April 2019

Apto - Denver, CO

Creating software that helps Real Estate Brokers survive and thrive through a CRM (Customer Relationship Management) web application.

- Part of a data-driven task force of three engineers to provide and implement solutions to prevent the application from crashing due to the number of concurrent users. The effort was successful in scaling the application and no downtime has occurred since.
- Building a React-based project (ask for details) that will be used for helping drive sales of the primary CRM product.
- Sitting in on customer research interviews with the product, and user experience teams to understand what our customers want and need out of our application and know what we can do to provide them value.
- Using a Jira and Agile workflow, solve bugs in the application that are affecting and therefore improving the users quality of life.

Instructor - Full-Stack Developer

Galvanize - Denver, CO

November 2015 - August 2018

Teaching students at Galvanize Full-Stack Web Developer Intensive school how to become Web Developers.

- Piloted new method of teaching that improves the rigor of the curriculum which is resulting in at least 25% stronger students

Web App Team Lead

January 2015 - September 2015

FlowHub - Denver, CO

Leading a team of Developers to create a web application in the Cannabis Industry called GrowApp. This application is used by several Cannabis Growers to help them manage their plants, and keep compliant with the Colorado State Government.

Information about Flowhub and its products can be found at <http://flowhub.co>.

- Leading a team of four web developers (two front-end, and two back-end) in following an Agile system to build the flagship product for FlowHub, GrowApp.
- Deployed the GrowApp product to Amazon Web Services (AWS) to automatically scale to provide the best experience for the customers, while also being cost effective.

Full-Stack Web Developer Consultant:

September 2014 - April 2015

Latitude40 - Broomfield, CO

Consultant with Latitude 40, a Software Development Agency who worked with a team to create custom software for customers.

- Lead backend developer for two MEAN stack (MongoDB, Express 4, Angular, and NodeJS) projects that used Cordova to create a native Mobile (iOS and Android) app. Projects are still under NDA.

Senior Systems Administrator:

April 2006 - April 2014

Adnet Systems - Rockville, MD

Created automation and support solutions for over 500 computers and servers at the NASA Advanced Supercomputing facility.

- Reduced the time that Systems Administrators spent on preparing, deploying, and securing Macs to users by 50% with automation scripts.
- Reduced the time that Systems Administrators spent maintaining the Mac backup Server by 50% by automating the daily tasks with scripts.

Education

Bachelor of Science: University of Oregon - Eugene, OR

Full-Stack codeschool: RefactorU - Boulder, CO

Miscellaneous

Brooks Builds - Programming live on Twitch.tv using Rustlang primarily

Node.js meetup organizer - Organizer of the Denver Node.js meetup which holds monthly meetings and is part of the core developer community.