Jessica Pope

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SOFTWARE ENGINEER AND INSTRUCTOR

Engineer and technical educator with an entrepreneurial spirit passionate about using my skills in Ruby, Rails, Python, Javascript, React, React Native, and Flutter to instruct and collaborate on creative solutions.

TECHNICAL SKILLS

React, React Native, Flutter, JavaScript, Node, Python, Rails, Ruby, SQL, HTML, CSS, Postgres, Git, Firebase, Heroku

EXPERIENCE

Flatiron School   Denver, CO
Software Engineering Instructor   08/2020 - Present
- Teach 200+ students, both existing and Alumni, in Ruby, Rails, JavaScript, React, and React Native.
- Conduct both the Admissions and Final Modules' technical coding assessments, verifying students' aptitude and job-readiness.
- Provide one-on-one JavaScript, React, and Rails tutoring, conducting lectures, and reviewing/debugging code in Vue, React Native, Node, and Flutter.
- Collaborate closely with the engineering and curriculum teams to keep material up to date and debug apps that deliver curriculum to students.
- Create and design weekly afternoon whiteboard challenges, coordinate 36 guest speaker series, create weekly networking newsletter, connecting students to Denver's tech scene, and oversee and prepare curriculum for our weekly professional development and technologies tangential to software developers (BigO Theory, Open Source) contributions, remote technical interviews.

Organizer: Alumni Code Night, and Code Wars and Coffee
- Founded Alumni Code Night to provide bootcamp graduates with the opportunity to work on large scale programming projects that benefit the Denver Community.
- Coordinated with team leads and am team lead for Code Crown, a React Native Mobile app which gamifies the learning of core programming concepts.
- Code Wars and Coffee is a morning zoom meeting I host with current students and alumni in which we solve a coding challenge in groups or individually.

TECHNICAL PROJECTS

RREGuide Github Frontend | RREGuide
A React App that captures on the job knowledge to optimize performance and hiring by use of dynamic forms
- Rails API with a Relational Postgres database that supports dynamic CRUD actions.
- JWT Login and Authorization to support secure and persisted data.
- Implemented React Router to enable client side rendering and optimized performance.
- Designed and styled using custom CSS to create an optimal browser and mobile experience.

DogForPresident2020 Github Frontend | DogForPresident2020
Allows users to enter their Dog into the 2020 Presidential Race by creating, editing, and deleting clickable "markers"
- Deployed Heroku Rails API with a Postgres database that supports dynamic CRUD actions.
- Utilized the Google Maps React library to optimize user experience through stateful components.
- Implemented React Router to enable client side rendering and optimized performance.
- Designed and styled using custom CSS to create an optimal browser and mobile experience.

Va-Okay GitHub Frontend | GitHub Backend
A vacation expenditure app that allows multiple users to log and total their individual contributions to the same vacation
- Built a multi-relational database accessed through a Rails 5 API.
- Implemented the Tabulator Library for optimal user experience and dynamic fetch requests.
- Supports full CRUD action and single page rendered forms by way of direct dom-manipulation.
- Frontend built in JavaScript, jQuery, and CSS.

Develop Denver Denver, CO
Education and Content Team Member 01/2020 - Present
Develop Denver's mission is to "connect and educate the Denver tech community."
- Source Speakers and run Technical Meetup Series on topics such as Mental Health in Tech and the great Mobile Debate: Native vs PWAs.
- Work with a team to pivot the annual conference into something more remote friendly for the year of 2020

Rutledge's Men's Custom Clothing Company Colorado Springs, CO
Operations Manager 02/2016 - 11/2018
- Improved upon the systems I put in place in my role as Process Engineer. I hired, trained, and managed team members. As a manager, I helped employees set and achieve goals, and oriented the staff toward a shared objective. I continued to align our support systems with this shared goal. I took on the responsibility of developing strategies for growing sales including expanding my own client base. When the time came for me to make a career change, I spent 3 months, sourcing and training my replacement and built a complete digitized system of how-to and resource guides for the responsibilities associated with my role.

Process Engineer 02/2015 - 02/2016
- Built and managed a cloud based system to provide the customer relationship management tools not being fulfilled by our CRM. Integrated this system into our CRM.
- Created and managed an accounts payable department, built by organizing all related documents into their respective fields, developing a bookkeeping tool using the Google Sheets API. Implementing an automated reminder system.
- Developed, implemented, and trained all employees in several new systems, including CRM software software, which were effective in bringing about greater efficiency within the company, ultimately allowing staff to better serve Rutledge's clientele.
- Created and managed processes that aided in the company's transition into multiple brick and mortar locations.
- Oversaw the IT, receiving, shipping, merchandising, and accounts payables department. Performed several odds and ends tasks on a daily basis including writing promotional material and making the occasional sale.

The Charles Koch Institute
Technical Recruitment Associate, The Charles Koch Associate Program 02/2015 - 02/2016
- Improved sourcing efficiency and marketing outreach by programming a measurable source search word feature in Salesforce, driving email marketing projects, and creating and implementing a "tweet and reward" system.
- Created and organized a tech freedom initiative focused on encouraging people of all backgrounds to pursue and participate in open source projects.
- Worked with the Salesforce and IT team to source and hire staff, including attending Salesforce's annual event "Dreamforce".
- Sourced 100+ students and staff for the high-achieving Koch Internship Program, Koch Associate Program, Koch Fellows Program, and Koch staff opportunities by assessing local and nationwide events, facilitating meetings with professors, and actively networking.
- The Koch Associate Program (KAP) is a year-long opportunity that blends professional development with real work experience. It is designed for early and mid-career professionals seeking to accelerate their growth as leaders while addressing the biggest problems in society. KAP equips associates with the principles, network, and resources to succeed as social entrepreneurs: leaders from all walks of life using their unique gifts to break barriers holding people back from realizing their potential.

Enactus
President 09/2010 - 12/2013
- Coordinated nine local and international business and economic projects by working with an executive board to recruit, interview, hire, and oversee 60+ students to manage projects.
- Developed a winning presentation for the 2012 regional conference and led a historic five-student team to the national conference for the first time in the club's history.
- Raised funds and facilitated "young entrepreneurs" competition for orphans of the Lingap center in the Cebu,

Philippines. Taught classes in entrepreneurship and economics over Skype. Presented on the success of the competition at the 2011 regional presentation.

EDUCATION

Flatiron School   Denver, CO
Full Stack Web Development, Ruby on Rails and JavaScript program   02/ 2019 - 08/2019

Hillsdale College   Hillsdale, MI
Bachelor's Degree in Economics   05/ 2014