Sean Riedl
Full Stack Developer

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Highly motivated mechanical engineer seeking to transition to from plumbing design to the web development field.

PROJECTS

TrakCal
Creator

- Built a full stack app using React, NodeJS, Express.js, and MongoDB.
- Allows users to create an account and keep track of daily calorie intake.
- Used: JavaScript, React, HTML/CSS, Node.js

Recipes App
Creator

- Built a full-stack web app to allow users to store, share, and view their favorite recipes.
- Utilized the model-view-controller (MVC) pattern to create implement features such as user sign-in, user recipe storage, and tagging.
- Collected and Incorporated user feedback to improve overall experience.
- Used: Ruby on Rails, HTML/CSS, Bootstrap

Facebook Clone (Fakebook)
Creator

- Developed a full-stack web app which replicates Facebook's core features of user authentication, sending and receiving friend requests, and creating, liking, and commenting on posts.
- Implemented OmniAuth, a library standardizing authentication, to allow users to sign-up with their actual Facebook account.
- Used: Ruby on Rails, HTML/CSS, Bootstrap

WORK EXPERIENCE

Interface Engineering
Plumbing Designer
Washington, DC | June 2018 - current

- Developed concept layout and design of plumbing systems using 3D CAD software.
- Communicated with clients to provide recommendations on design solutions, determine project estimation costs and define project completion dates.
- Coordinated with multi-disciplinary design team to produce construction documents and specifications.

PEG, LLC
Mechanical Designer
Fairfax, VA | Jan. 2016 - June 2018

- Sketched outline designs and used CAD software to create detailed mechanical designs.
- Prepared mechanical load calculations and optimized equipment size.

SKILLS

- JavaScript
- React
- HTML/ CSS
- Ruby
- Ruby on Rails
- Bootstrap
- SQL
- Git
- REST APIs

EDUCATION

B.S.
Mechanical Engineering
Virginia Tech
2011 - 2015
Blacksburg, VA

ACTIVITIES

- Climbing
- Cycling