Randy D. Layne
Fullstack Developer

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Experience

Jun 2023 - May 2024

Lead Fullstack Developer
Curve Health   *Remote*

Fullstack developer using Ruby on Rails, React, Redux, GraphQl, and Postgres SQL.

Responsibilities and Achievements
- Overhauled Gitlab CI/CD pipeline to reduce runtimes by 40%
- Performed major version upgrades from Rails 5.2 to 6.1 and Node 14 to Node 18 with zero downtime
- Managed, onboarded, developed, and paired with new developers
- Worked closely with QA and Ops teams to overhaul our code review and deployment cycle
- Responsible for the engineering side of migrating from Aptible to AWS infrastructure
- Helped spearhead adoption of TDD and BDD practices

Oct 2021 - Apr 2023

Web Developer III
CrowdStreet, Inc.   *Remote*

Fullstack web developer working with Java EE, React, TypeScript and Postgres SQL.

Responsibilities and Achievements
- Assisted in the design and implementation of new features
- Pair programed with and helped mentor other developers on team
- Became go-to person for help with several supporting applications
- Helped optimize heavily used SQL queries, making them up to 10x faster
- Spearheaded engineering project to integrate Split.io into our backend Java code to unify our feature flagging efforts with the front end.
- Member of several engineering guilds that focused on aspects such as reducing existing technical debt, improving our documentation, and increase unit testing
- Revamped my team's pull request process to provide better context and testing instructions to those reviewing the code. Adopted by other teams.

Sep 2018 - Oct-2021

Web Developer III
Treehouse   *Remote*

Ruby on Rails developer and part time Data Engineer when requested.

Responsibilities and Achievements
- Promoted from Dev II to Dev III in 1st year
- RoR Developer for main app as well as several of the supporting microservices
- One of three Code Reviewers on the team
- Assisted in hiring decisions, onboarded and mentored new team members
- Create Snowflake SQL reports using Mode Analytics
- Migrated functionality from a defunct microservice into workers in main app

Education

B.S. Dec 2021

Computer Science, B.S.
Minor: Cybersecurity

Old Dominion University   *GPA: 3.94*

Completed Bachelor's Degree at ODU and currently continuing education as a Master's student. I am also a 4 Time Dean's Perfect Scholar Award Recipient.

Relevant Coursework
- Fundamentals of Object-Oriented design
- Algorithms and Data Structures
- Database Design

Languages/ Frameworks

Professional

Ruby/Ruby on Rails

Java/Java EE

JavaScript/TypeScript

CSS/Scss/Tailwind

React.js/Redux

Postgres/Snowflake/MySQL

Docker/CI/CD

Education/Hobby

Node.JS/Express

C++

C#/dotNet

Development Tools
- **AWS: EC2, S3, RDS, EIP, Route 53, EKS, CloudFront**
- **Bash Scripting**
- **VSCode**
- **IntelliJ/Rubymine**
- **DataGrip**
- **Mode Analytics**
- **Linux/Mac/Windows**
- **Git/Github/Gitlab Pipeline**
- **Jira/Confluence**
- **Split.io**

Certificates
- **Fullstack JavaScript & Frontend Techdegrees**
- **TDD & BDD – Design through testing**