

Richard A. Davis

Software Engineer

Contact

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About

I'm a Software Engineer with 8+ years experience building software solutions for Startups and Government Agencies. After taking some time away from my career to focus on my health, I'm ready to get back to work.

Work

Apex Systems/Verizon Public Sector

October 2021 — June 2022

Software Engineer

Contributed to a Ruby on Rails Application that tracks and reports network upgrades.

Highlights

- Introduced the team to Automated Testing and CI/CD.
- Managed a private GitLab instance to build, test, and deploy application containers.
- Wrote Dockerfiles to define application containers utilizing the multi-stage build syntax.
- Used Docker Compose to define a local development environment.
- Wrote system tests for user workflows.
- Utilized Chef InSpec to audit configuration changes.
- Created a template for HTML and CSS styled emails.
- Incorporated container security scanning, dependency security scanning, and static code analysis into the CI/CD pipeline.

Fearless Solutions

October 2018 — March 2021

Software Engineer II

Contributed to the development of software for multiple U.S. Government Agencies using Agile development, hosted in cloud environments.

Highlights

- Creation of Node.js/Express/React applications for use by Human Resources deployed within a 3-letter Security Agency.
- Wrote end-to-end tests in Cypress, unit/integration tests with Jasmine.
- Development of Java/Spring/React applications deployed on Pivotal Cloud Foundry for USAF.
- Made open-source contributions to the CMS/eAPD Node.js/Express/React application deployed on AWS.
- Prototype to implementation of the US DoD Mentor-Protege application process using Ruby on Rails.

Workbar

May 2017 – May 2018

Software Developer

Implemented features and improvements to the internal customer management system built with Rails, MySQL, and React.

Highlights

- Leveled-up the software development team through regular code review, pair programming, and one-on-one meetings.

Launch Academy

May 2014 – April 2017

Software Developer and Instructor

Helped train hundreds of students to switch careers to become Entry-level Software Developers.

Highlights

- Wrote curriculum geared towards new software developers to teach them how to program in Ruby and JavaScript.
- Contributed to Rails/React applications deployed on Heroku that managed Launch Academy's curriculum, assignment submission, grading, attendance, and identity management.
- Taught students testing, feature development, and version control.
- Acted as an Instructor, Mentor, and Product Manager to students as they progressed through the Launch Academy program.

Digital Lumens

November 2013 – May 2014

Software Developer

Implemented features and bugfixes in the LightRules power monitoring web application.

Skills

Frontend

- HTML / CSS
- JavaScript
- React
- Section 508

Backend

- Ruby on Rails
- Node / Express
- Java / Spring Boot
- SQL

DevOps

- AWS
- Heroku
- GitLab CI
- Bash / Shell Scripting
- Docker
- Linux

General

- Agile Software Development
- Technical Documentation
- Code Review

Education

Launch Academy

June 2013 – October 2013

🎓 **Software Development**
Bootcamp Graduate

Thomas Edison State College

November 2011 – March 2013

🎓 **Computer Science**
Bachelor of Arts