

# Richard A. Davis

Software Engineer

## Contact

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### Website

<https://linktr.ee/radavis>

## 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