Alec Levin

alec@arlevin.org | (707) 373-6962

Résumé website: arlevin.org
Portfolio: github.com/arl505

Objective

As a fast and adaptive learner, I excel as an individual contributor. As a highly methodical and organized person, I likewise excel as a lead. Leveraging the sum of these skills, I will help organizations to create incredible and memorable technology.

Skills

Spring Boot (Java)	Backend microservice architecture	Azure
Progressive CI/CD (Jenkins)	REST API design and implementation	Cloud Foundry (VMware Tanzu)
JavaScript (React)	Android (Java)	SwiftUI

Experience

Ford Motor Company - Detroit, MI

Lead Software Engineer, June 2019 - December 2021
- Team tech lead, focused on high level direction of product and team
- Developed and maintained high performance backend system processing millions of vehicle transactions per day, at several hundred transactions per second
- Led team on experiments of collaborative programming, test driven development, trunk based development, pipeline automation, and other modern agile practices
- Enabled vehicle connectivity using Spring Boot with various OAuth 2.0 flows
- Started as agency employee via TekSystems, Inc. (June 2019 - November 2020)

CodePath (Supported by Facebook, Microsoft, Google, Amazon, and AirBnB) - Arcata, CA

Android Instructor for Humboldt State University, October 2018 - May 2019
- Taught a for-credit university course over a 15 week term, focused on entry level Android programming
- Led project based learning covering: Java, C#, Xamarin, XML, Gradle, and Git

Planet Rocket - Arcata, CA

Web Engineer, March 2018 - May 2019
- Maintained legacy LAMP stack application (Linux, Apache, MySQL, and PHP)
- Wrote new MERN stack application (MongoDB, Express.js, React.js, and Node.js)
- Administered MERN web app on AWS EC2 Linux VM with NGINX

Lawrence Berkeley National Laboratory - Berkeley, CA

Computing Sciences Summer Student Researcher, Summer 2015
- Constructed advanced visualizations of high frequency weather data in order to perform quality assurance and correction of the data
- Used the Python scientific computing library, SciPy, and specifically the NumPy and Matplotlib packages

Academics

Humboldt State University - Computer Science B.S., May 2019