Derek Provance

https://derek.pro
derek@provance.me | 913.730.6207

OBJECTIVE

To do work that matters! I want to help change the world through technology, a platform with never before seen possibilities to do so. I seek an innovative culture that allows me to explore such technologies and find those applications.

SKILLS

PROGRAMMING

Java • Python
Javascript • PHP
SQL • Ruby

FRAMEWORKS & TOOLS

Spring • ReactJS • AngularJS • Laravel
Phalcon • Bash • Docker • Jenkins
Gradle • CircleCI • Git • LaTeX

TECHNOLOGIES

AWS • MySQL • Postgres
Elasticsearch • Redis
Linux Systems • ESXi

EDUCATION

UNIVERSITY OF MISSOURI

BS in Computer Science
Grad. May 2014
College of Engineering

NOTRE DAME REGIONAL

Grad. May 2009 | Cape Girardeau, MO

LINKS

Github:// **derekprovance**
LinkedIn:// **derekprovance**

EXPERIENCE

ADKNOWLEDGE | Software Engineer
Apr 2016 - Present | Kansas City, MO

- Build and maintain a **Docker** development environment using **Docker-Compose** helping increase developer efficiency
- Use **Jenkins, Docker, and Selenium** for automated deployment and monitoring
- Assist in architecting and designing a **scalable serverless environment** using AWS **Lambda** and **Firehose**
- Built and architected an automated image tagger in **Java** that analyzes images using **Google Vision** and **Clarifai**
- Built and architected a **Java** application that synced with Facebook Ads **RESTful API** and pulled large campaign datasets for advertisers
- Designed a data pipeline using **SQS** and architected a database structure for each application using **Postgresql** and **Redis**

RED NOVA LABS | Ruby Software Developer
April 2015 - November 2015 | Kansas City, MO

- Developed, refactored and maintained a large-scale **Ruby on Rails** project
- Led a remote development team ensuring smooth operation and understanding of the product

ASSURANT EMPLOYEE BENEFITS | Software Developer I
June 2014 - April 2015 | Kansas City, MO
Software Development Intern
June 2012 - November 2013 | Kansas City, MO

- Developed **Java** applications on a corporate scale using frameworks such as **Spring**, **Hibernate** and **GWT**
- Built an agnostic front-end using **AngularJS**, **Bootstrap**, and **jQuery**

THE GAUNTLET INITIATIVE | Co-Founder
August 2013 - January 2014 | Columbia, MO

- Started and lead an engineering team for a new business
- Created custom made prosthetics using selective laser sintering
- Designed image analysis algorithms for automated measurements of the human hand using **Java**

CAMPUS FACILITIES | Student Technical Assistant II
August 2009 - December 2012 | Columbia, MO

- Provided user support for campus operations
- Worked with **VMware**, large-scale networking, system administration and the **Linux CLI**