

Derek Provance

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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
Unix 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

- 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 multiple advertisers
- Designed a data pipeline using **SQS** and architected a database structure for each application using **Postgresql** and **Redis**
- Build and maintain a **Docker** development environment using **Docker Compose** that helped increase developer efficiency
- Use **Jenkins**, **Docker**, and **Selenium** for automated deployment and monitoring
- Assist in design and architecting a **scalable serverless environment** using **AWS Lambda** and **Firehose**

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 the 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**