JustinCollier
software team lead

about
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USA

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in://justin
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languages
native english
pashto fluency

programming
❤ Ruby
Linux
Go
Javascript
C, C++
Clojure
PostgreSQL
CSS3 & HTML5
HashiCorp Suite
GraphQL

interests

gnu/linux, web application development, distributed systems, natural language processing, data analysis, continuous integration, devops, wireless communications, data visualization.

education

2018	**Certified Developer - Associate**	AWS
2014 - 2017	**Computer Science** Minor in Biology	University of Nebraska - Lincoln
2011–2012	**A.A. High Honors** Pashto-Afghan Language & Culture	Defense Language Institute

experience

2017 - Now RealmFive *Software Team Lead*
Architected, developed and managed an IoT data ingestion and delivery system, growing the platform from 8,000 daily events to 3+ million. Developed error monitoring and incident resolution automation. Developed build-and-deploy pipelines for 19 firmware projects and 5 web/mobile projects. Migrated to AWS from Heroku.

2016 - 2020 Pawlytics *CTO*
Architected, developed and manged the development of a cloud-native application for animal rescues and shelters. Developed supporting microservices to integrate with third-parties.

01-12 2016 UNL - Dept. Computer Science *Research Internship*
Ported legacy java applications to robust Rails 4 applications to support academic departments.

2010 - 2014 United States Air Force *Cryptologic Language Analyst*
Intercepted and decrypted/translated communications in foreign theatres.

applications

2018 Pawlytics pawlytics.com
A data management solution for animal shelters and rescues to help them use the data they already collect to save more lives around the world.

2016 Family Pet Project familypetproject.com
Platform for pet owners. Compiled pet-owner resources, pet friendly housing and a safe platform to rehome or adopt a new pet of many kinds.

2016 Fish Lab: Behavioral Analysis biosci.unl.edu
Application to analyze fish movement patterns in 8 different scenarios. Organized and assessed 5 years of recorded video data.