



# AUSTIN ADAMS

Technologist, Problem Solver

## CONTACT

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143 River Trail Boerne, TX,   
78006

## EDUCATION

### WESTERN STATE COLORADO UNIVERSITY

Gunnison, CO

B.A. Computer Science (May 2011)

## ADDITIONAL SKILLS

Cloud Native: Kubernetes,  
Docker, Skaffold, Helm,  
Kaniko, Docker Security

JVM: Spring Boot, Kotlin,  
Java, Scala, Gradle

Databases: MongoDB,  
MySQL, Postgres,  
RethinkDB, Etcd, Bolt,  
Neo4j

Monitoring: Prometheus,  
Jaeger, Stack Driver

Frontend: Angular, React,  
Functional Reactive State  
Management, NGRX,  
Redux/Saga

CI/CD: Jenkins, CircleCI,  
TravisCI, Buddy Works,  
Junit, Bamboo

Testing: TDD(Ruby),  
BDD(Frontend), Junit, Jest,  
Karma, Protractor,  
Swagger Testing

API Documentation:  
Swagger, Open Api3, Code  
Generation

## CAREER OBJECTIVE

Software Engineer with 10 years of overall experience. People oriented, fast learning and excited to challenge tough problems with modern solutions. Able to lead and follow, has management experience and knows how to see a project through all stages of execution. Loves to have fun, be with family and work in the community. Family man with dreams to have a mini farm and create a sustainable living environment. In my next role I'm striving to apply cutting edge technologies to chaotic problems.

## PROFESSIONAL EXPERIENCE

### CTO & LEAD SOFTWARE ENGINEER

*HerdX, San Antonio, TX / Jan 2019 – Present*

- Completed full migration from vertically scaled infrastructure to horizontally scalable cloud native environments.
- Invented, Designed and lead implementation of connected hardware devices.
- Leading the technology and science initiative to bring a family of animal health and traceability products to the market.
- Designing and Building Solutions using C, Python, Java, Kotlin, Spring Boot, Neo4j, Kubernetes, Docker, Google Cloud Platform, Helm, Skaffold
- Providing solutions architecture and engineering across B2B and B2C products. Designing and Building Solutions using C, Python, Java, Kotlin, Spring Boot, Neo4j, Kubernetes, Docker, Google Cloud Platform, Helm, Skaffold
- Building and mentoring teams of technologists to support the wide product base being brought to market.
- Overseeing iot device manufacturing and collaboration between hardware and software teams.

### SENIOR SOFTWARE ENGINEER/TECHNICAL MANAGER

*Ygrene Energy Fund, Petaluma, TX / Jul 2016 – Jan 2019*

- Implemented a full features Automated Underwriting system for PACE loan origination.
- Mentoring developers, exploring tough problems and providing architecture for solutions, analyzing data and patterns to bring value to the business.
- Using Scala, Ruby, Java, Go built web applications and systems on top

Blockchain: Hyperledger  
Fabric(JS),  
Sawtooth(Python),  
Cosmos(GoLang)  
Programming: Scala,  
Kotlin, Java, Golang, Rust,  
Python, JS, R

of AWS.

- Implemented Javascript/Angular best practices for entire team.
- Established successful CI/CD infrastructure allowing teams to iterate and deploy faster.
- Created a culture of improvement via peer review and continual learning.

## **FOUNDER/LEAD SOFTWARE ENGINEER**

*Fwd Design & Development, Redding, CA / Sep 2013 – Jul 2016*

- Successfully organized a small development practice into a viable business through the use of modern software development tools, contracted resources, and traditional software design patterns. Successfully mentored other developers from other paradigms into productive contributors to the current project. Modernized legacy web applications in record time while maintaining backwards compatibility. Designed, Developed and launched a full feature learning platform in 2 months with a increasing ROI that has surpassed the 100% mark.
- Created & Maintained applications that scale to 300,000+ users.
- Deployed and scaled Node.js, Ruby On Rails, LAMP Stack applications.
- Modernized Private and Government web applications.
- Created solutions leveraging AWS cloud infrastructure. AWS S3, AWS Cloud Front, AWS OpsWorks, other AWS technologies.
- Successfully scaled application infrastructure out on DigitalOceans cloud.
- Managed teams of engineering contractors and designers, Mentored Developers.

## **WEB SOLUTIONS ARCHITECT**

*Impala Networks, Farmington, NM / Oct 2012 – May 2014*

- Optimized web application infrastructure for both internal and external clientele. Created modernization solutions to legacy software that provided stability, reporting and extended functionality. Successfully scaled out an email distribution application to increase the ROI of an email based marketing application. Successfully mentored less experienced developers and then delegated to form productive teams.
- Created modern solutions to legacy software problems.
- Mentored entry level developers

## **OWNER/LEAD SOFTWARE ENGINEER**

*Independant Contractor, Farmington, NM / May 2011 – Oct 2012*

- Enhanced web presence while cutting costs by 100% for businesses by building adrag and drop Python/Django cms system. Various freelance python/lamp stackwork.
- Created web solutions for local companies using Python.

**REFERENCES**

References available upon request