





# Cole Henderson

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 San Francisco, CA

## EXPERIENCE

### **DevOps and Site Reliability Engineer**

September 2021 – Present

**4G Clinical**, Boston, MA

Responsibilities include infrastructure modernization, CI pipeline enhancements, and ongoing deployment of and updates to monitoring and alerting tools

### **Junior DevOps Engineer**

June 2020 – September 2021

**4G Clinical**, Boston, MA

Responsibilities included developing internal tools that maximize company-wide productivity, and automating manual processes while monitoring and addressing related failures

### **DevOps Intern**

June 2018 – June 2020

**4G Clinical**, Boston, MA

## PROFESSIONAL ACCOMPLISHMENTS

- Built and scaled a complex ticket automation site that processed 99% of previously manual requests, reducing DevOps' new hire need by 42%
- Restructured the Junior DevOps Engineer position title, job description, and hiring process, leading to a 10-fold increase in applicants
- Cut monthly Amazon Web Services (AWS) costs 25% by automatically archiving non-production stacks that had no logins over the previous week
- Built customer-facing private AWS Marketplace website, allowing clients to purchase the company's proprietary software through AWS, earning account discounts for both parties
- Eliminated duplicative local Docker builds during testing of principal software by using a remote repository, cutting testing time by 25%
- Modernized non-customer facing database implementation, cutting related costs by 15%
- Refined autoscaling configuration for internal Kubernetes resources, reducing related server costs by 12%
- Fundamental in creating a new logging system that cut related costs by 90%
- Secured and restricted access to 994 GB of sensitive client data with the company's principal software developer
- Became first AWS certified employee

## EDUCATION

**Rhodes College** — BS Computer Science, with honors, 2016–2020

## INTERESTS

- Energized by learning through teaching and exploring new technologies
- Avid soccer player and backpacker
- Passionate about music, history, and the Boston Red Sox

## LANGUAGES

- Python
- Angular
- Bash
- Groovy
- C
- JavaScript
- HTML

## DEVOPS TOOLS

- AWS
- Kubernetes
- Docker
- Terraform
- Linux
- Serverless
- Jenkins
- Helm

## SOFT SKILLS

- Organization
- Decisiveness
- Adaptability
- Communication
- Prioritization

## CERTIFICATIONS

- AWS Professional Solutions Architect