

# MARC AKBAR

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Self taught web developer experienced in full-stack architecture / development and infrastructure management. Former climbing industry professional and collegiate athlete eager to solve complex problems that contribute to the digital good.

## SKILLS

React  
HTML/CSS/SASS  
Material Design  
Node.js  
Golang  
MySQL  
AWS EC2 / RDS  
Docker  
Jest  
TIG Stack  
Ansible  
Terraform  
Linux

## EXPERIENCE

### MARS S&D

#### Senior Software Engineer III

**Loveland, CO**

June 2023 - present

- Lead in the research and implementation of our frontend application redesign.
- Utilized Figma for UI mockups and presentations.
- Upgraded deprecating frontend core packages during redesign.
- Resolved an accounting issue that resulting in about \$50k of recouped revenue.
- Maintain system integrity using AWS, Ansible, and Terraform.
- Collaborated with cross-functional teams to plan future integrations post-acquisition.

### Heska (acquired by MARS S&D)

#### Software Developer I

**Loveland, CO**

February 2021 - June 2023

- Acquired deep knowledge and empathy for veterinary customers, pathologists, and business leadership in the telecytology industry with a focus on modern software design, research, and development.
- Architected and developed full-stack solutions utilizing React, Node.js, and Golang contributing to a 146% increase in revenue.
- Collaborated with cross-functional teams to plan features that have broadened the scope of our digital products.
- Researched site usability to continuously improve existing UI's and provide customers with a meaningful digital experience.
- Integrated RESTful services with our proprietary MySQL relational db.
- Built upon current database design utilizing migration tools.
- Utilized version control and built CI/CD pipelines in Gitlab.
- Maintain system integrity using AWS, Ansible, and Terraform.
- Monitor system health using the TIG stack (Telegraf, InfluxDB, Grafana).
- Supervised new developers during feature design / development.

### Lacuna Diagnostics (acquired by Heska)

#### Frontend Developer

**Fort Collins, CO**

June 2020 - February 2021

- Employee eight of a startup tasked with scaling the sole digital product of Lacuna Diagnostics through a redesign.
- Led in architecture and development of the React front-end.

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#### Application Developer Apprentice

**Boulder, CO**

January 2020 - March 2020

- Began front-end and back-end development to redesign an internal conference management tool.

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## EDUCATION

**Florida State University**  
BS Mechanical Engineering

2014

## MORE ABOUT ME

### **Climbing Industry Professional**

2013 - 2020

- Held positions in Routesetting Management, Coaching and Event Planning over six climbing gyms in Florida, New York, and Colorado.

### **Student Athlete**

- Division-1 Cross Country / Track & Field athlete.
- PBs: 5k (14:58), 10k (31:14), Marathon (2:57:53), 39.7 mile ultra (10:16)

### **University of Self Teaching**

- Ask me more about my journey into tech.