

Matthew Behnke

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Education

Iowa State University

BS IN COMPUTER SCIENCE

GPA: 3.5

Ames, IA

Aug 2019 – May 2023

Experience

Hunter Strategy LLC

PLATFORM ENGINEER

Remote & Occasional onsite

Nov 2022 – Present

- Migrated a legacy distributed monolith to run on k8s including advocating for changes that would increase reliability and save costs.
- Developed an entire shared services implementation for our internal team.
- Learned how to work in a Gov contracting position and the world of DOD contracting.
- Worked on my patience and people skills for when dealing with external teams.
- Worked extensively in AWS and Azure using platform engineering and devops principles.
- Migrated shared services applications from AWS to Azure using k8s to standardize on one cloud platform and save the project money.
- Built an SSO platform that uses Certificate based auth to protect our shared services.
- Enforced my projects security posture by removing and remediating security vulnerabilities.

Hy-Vee Inc

CLOUD INFRASTRUCTURE ENGINEER

Grimes IA / Remote

July 2022 – Nov 2022

- Defined business objectives into actionable work for other teammates to accomplish
- Mentored new and inexperienced team members on the teams platform
- Lead initiatives to integrate internal systems with major external vendors
- Learned Google Cloud through the use of terraform and similar tools.

H-Vee Inc

SITE RELIABILITY ENGINEER - INTERN

Grimes IA / Remote

May 2020 – July 2022

- Rearchitected the organization's primary CI/CD platform infrastructure deployment strategy to save costs
- Increased developer efficiency by automating source code dependency fixes
- Effectively deprecated old Kubernetes clusters and migrated teams to shared clusters

Iowa State University

ISEAGE RESEARCH LAB MEMBER

Ames, IA

Aug 2020 – Dec 2022

- Developed cyber defense scenario for highschool, college, national, and international competitions
- Maintained infrastructure required to host cyber defense competitions
- Effectively automated infrastructure using Terraform and Ansible
- Migrated internal applications to use Kubernetes

Workiva Inc

SOFTWARE ENGINEER - INTERN

Ames, IA / Remote

May 2020 – Aug 2020

- Learned how to work effectively on a large team with various objectives.
- Developed on a large scale system similar to Google Docs, Sheets, etc
- Worked with team members across the US during the beginning of Covid

Syncbak

DEVELOPER - INTERN

Marion IA

May 2018 – Aug 2019

- Developed internal monitoring tool to speed up the deployment of remote transcoding servers
- Learned how to work in a startup company

Skills

DOD Clearance:

Secret

Programming Languages: Java, Golang, Python, C, C++, Bash, Javascript

Tools:

Kubernetes, Docker (OCI), Terraform, Packer, Ansible, Linux, Helm, Proxmox, Vmware

Cloud Platforms:

Google Cloud, AWS, Azure

Projects

First Robotics

DEVELOPED REAL TIME SOFTWARE FOR COMPETITIVE ROBOTS THAT COMPETED IN A 3 V 3 TASK BASED COMPETITION.

Java, Python, Javascript
<https://www.firstinspires.org/>,
<https://www.lmrobotics.com/>

Homelab

EXTENSIVELY SINCE HIGH SCHOOL I HAVE HAD A HOMELAB THAT I HAVE DEVELOPED BY SKILLS IN DEVOPS AND PLATFORM ENGINEER BY DEPLOYING VARIOUS STUFF. I HAVE IMPLEMENTED K8S LOCALLY, SSO USING KEYCLOAK, AND A LOT OF OTHER STUFF.

Ansible, Terraform, Packer, Linux,
Golang, Bash

Awards

January 2019	Rank of Eagle Scout , Recognized for achieving the rank of eagle scout in Boy Scouts	Boy Scouts of America
September 2017	Gold Key in Writing , Recognized for writing piece called "Who's in the driver's seat". https://www.linnmar.k12.ia.us/news/lmhs-students-recognized-scholastic-competition/	The University of Iowa's Belin Blank Education Center Scholastic affiliate
May 2023	Security Plus , Candidate ID: COMP001022278356	Comptia