

NICKOLAS HANS KRAUS

nickolaskraus.org

Ox@nickolaskraus.io

(774) 276-1793

EDUCATION

IOWA STATE UNIVERSITY

2011 - 2017 | GPA: 3.75

Aerospace Engineering

German Language

Computer Science (Minor)

HOCHSCHULE MANNHEIM

2013 - 2014

Study Abroad Program

PROGRAMMING

Python

Go

Bash

TECHNOLOGIES

AWS

Linux

Containers

Kubernetes

Terraform

CloudFormation

SaltStack

Chef

GitLab CI

Jenkins

Datadog

LANGUAGES

German (Business Fluency)

EXPERIENCE

Granular

Software Engineer II

February 2020 - Present

- Build, automate and manage multi-environment infrastructure using Kubernetes, Docker, Terraform, and SaltStack
- Develop systems for enforcing production readiness standards using GitLab CI, Datadog, custom tooling, and automation
- Create architecture decision records and technical documentation to communicate and standardize best practices
- Provide mentorship to junior engineers and support to product engineers with initiatives requiring cloud infrastructure
- Participate in on-call rotation, incident response, and root cause analysis reviews

Dwolla

Software Engineer I

February 2019 - February 2020

- Lead the development of a multi-tier, PCI-compliant AWS environment for Dwolla's Push-to-Debit solution using Terraform and AWS CodeSuite
- Developed the CI/CD platform and facilitated a migration from Jenkins to Jenkins 2
- Built and open-sourced custom resources via CloudFormation in order to automate parts of the deployment workflow

Workiva

Software Engineer I

January 2018 - February 2019

- Facilitated the migration of the developer organization from a custom container orchestration solution to Kubernetes on Amazon EKS