NICKOLAS HANS KRAUS

nickolaskraus.io   0x@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, TypeScript, Bash

TECHNOLOGIES

AWS
Google Cloud Platform
Generative AI
Linux
Kubernetes
Containers
Terraform
CloudFormation
GitHub Actions
Datadog
New Relic

LANGUAGES

German (Business Fluency)

EXPERIENCE

Workiva
Senior Software Engineer
May 2022 - Present

- Leading development of Workiva's next generation Build, Test, and Release platform that enhances functionality, improves reliability and scalability, and generally makes the developer experience at Workiva exceptional
- Researching and designing systems ranging from distributed caching to generative AI.
- Implementing solutions using software design best practices across multiple technical domains that are well-architected: robust APIs, fault toleration, high availability
- Mentoring and developing talent through our internship program as well as providing technical leadership for my team

Granular
Software Engineer II
February 2020 - May 2022

- Build, automate and manage multi-environment infrastructure using Kubernetes, Docker, Terraform, and SaltStack on AWS

Dwolla
Software Engineer
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

Workiva
Software Engineer
January 2018 - February 2019

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