

INHYUP KIM

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SKILLS

Cloud & Infrastructure: AWS (EKS, RDS, EC2, Lambda), Terraform, Terragrunt, Docker, Kubernetes

Languages: Python, C#, SQL, Bash

Security & Monitoring: Prisma Cloud, Qualys, AD/LDAP, SSL/TLS, CEF/Syslog/SIEM, MFA/OTP

Databases: PostgreSQL, MSSQL, OpenSearch

Identity & Auth: SAML, SCIM API, OAuth2

CERTIFICATIONS

AWS Certified Solutions Architect – Associate

Jun 2025

HashiCorp Certified: Terraform Associate

Aug 2025

EXPERIENCE

Software Developer (DevOps & Application Engineering) | OpenText, Provo, UT Apr 2024 – Present

- Owned SaaS infrastructure for an enterprise MFA & passwordless authentication platform (Advanced Authentication) across 4 AWS environments — solely responsible for Integration and Dev; authored all Terraform/Terragrunt code and runbooks used by the Cloud team for Stage and Prod, maintaining 95%+ weekly release reliability.
- Reduced infrastructure costs by 50% by migrating Elasticsearch to OpenSearch, upgrading RDS Aurora PostgreSQL, and upgrading EKS.
- Strengthened cloud security posture by replacing CrowdStrike with Prisma Cloud Defender, deploying Qualys Cloud Agent across the EC2 fleet, and rotating RDS CA certificates ahead of deprecation.
- Contributed to product development alongside DevOps responsibilities — shipping CEF syslog improvements, license usage tracking, and production bug fixes across authentication and AD integration workflows.
- Collaborated cross-functionally with IG, federation, authorization, risk and cloud teams on integration deployments, API documentation, and platform onboarding.

Software Engineering Intern | OpenText (formerly Micro Focus), Provo, UT

Apr 2022 – Sep 2023

- Standardized authentication event logs to CEF format and fixed syslog forwarding over TCP/TLS, unblocking enterprise SIEM integration for customers.
- Resolved critical security vulnerabilities: SSL certificate validation bypass on AD-LDAP setup, expired-password login bypass in SaaS, and incorrect expired-password behavior with AD allow policy.
- Built syslog log cache to buffer events during external server outages, eliminating audit log data loss.

Research Assistant | Utah Valley University, Orem, UT

July 2021 – Apr 2022

- Contributed to securing an \$800,000+ grant by demonstrating AI robotics capabilities at a university scholarship event.
- Built a face recognition system using ML algorithms integrated with AIML for human-robot interaction.
- Researched deep learning approaches for automated cavity detection in dental X-ray images.

Developer | Navigator Business Solutions, Pleasant Grove, UT

Mar 2019 – Dec 2020

- Built and maintained ERP integration software connecting multiple POS systems to SAP using .NET.
- Optimized MSSQL queries for data synchronization, improving throughput and reducing latency.
- Designed seed-to-sale ERP integration, contributing to a measurable revenue increase.

Software Developer | Miyu Enterprises, Orem, UT

Feb 2018 – Feb 2019

- Built and launched an Android messaging app with real-time language translation.
- Developed web applications and administered AWS RDS for product marketing support.

Software Engineering Intern | Vivint Smart Home, Lehi, UT

May 2017 – Feb 2018

- Developed technician management features for an iOS-integrated field service application using .NET Web APIs and MSSQL.

PROJECT

Research Paper Recommendation System

- Built a microservices-based recommendation engine using .NET, NLP, and content-based filtering; benchmarked performance against collaborative filtering algorithms.

EDUCATION

Master of Computer Science | Utah Valley University, Orem, UT

Dec 2022

Bachelor of Science, Computer Science | Brigham Young University, Provo, UT

Dec 2017