Adam Lehechka

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@alehechka

Organized Full-Stack Web Developer offering strong skills in designing, developing, and testing innovative web applications and CI/CD pipelines. Bringing an excellent foundation of academic success and 4+ years of experience within software engineering, DevOps and cloud infrastructure experience.

Experience

Platform Engineer II / Hudl   June. 2022 – Current

OpenTelemetry and Honeycomb Integration   *June. 2022 – Current*
- Assisted in the design of Kubernetes-hosted OpenTelemetry Gateway and Honeycomb Refinery deployments.
- Developed Terraform modules consumed by microservices to manage Honeycomb infrastructure.
- Created Honeycomb data dictionary with Terraform to define source of truth across datasets.

Hashicorp Consul Research   *Aug. 2022 – Dec 2022*
- Partnered with team members to research and test Hashicorp Consul as service mesh tooling for microservice architecture.
- Managed virtual machines running micro-applications to troubleshoot networking and service mesh tooling.
- Took notes and wrote documentation on findings and decision on whether to proceed with Consul.

Software Engineer / DMSi   Jan. 2020 – June 2022

Kubernetes and DevOps Automation   *Nov. 2021 – Current*
- Assisted in the design of Kubernetes architecture with GKE and GitHub Action automation.
- Created numerous, custom GitHub Action workflows to automate various types of deployments and releases.
- Continued support for both develop and production GKE clusters.
- Created Netlify DevOps alternative with GitHub Actions, Docker, and Google Cloud Run.

Door Configurator and BOM Maintenance   *May 2020 – Oct. 2021*
- Leading team of software engineers in development of a door configuration and image generation web application.
- Performing DevOps to create a CI/CD pipeline with Bitbucket, CircleCI, Docker, Google App Engine, Linux, and custom *Test Harbor* tool.

Building Materials Industry Standard Database   *April 2020 – May 2020*
- Researched various database solutions for the best option to pursue in the creation of a building materials industry standard database.

Workpoint Integration   *Jan. 2020 – April 2020*
- Researched the codebase and infrastructure of Workpoint's workflow software.
- Discover integration points in plans to integrate the software into DMSi's core products.

Software Development Intern / Union Pacific Railroad   Nov. 2018 – Dec. 2019

Real Estate Management System (REMS)   *Sept. 2019 – Dec. 2019*
- Assuming a tech lead role for redesigning a legal document generation system.
- Helping to transition legacy system into a modern web application.

Revenue Shipment Process (RSP)   *Nov. 2018 – Aug. 2019*
- Developed 10+ backend microservices utilizing Java, Springboot, and Eclipse.
- Responsible for deployment of services to Integrated Cloud Environment.
- Designed and developed a highly interactive frontend screen.

Software Development Intern / Northrop Grumman   Nov. 2017 – Oct. 2018
- Developed code in sustainment style tasks.
- Utilized the Fortify tool to scan for and resolve findings.
- Performed revisions of STIG documentation.
- Practiced security clearance requirement at Offutt AFB.

Education

Bachelor of Science / University of Nebraska - Omaha   Graduated: Dec. 2020

Majors: Computer Science, Cybersecurity, Management Information Systems
Coursework: Software Engineering, IT Infrastructure, Network Vulnerabilities, Project Management

Personal Project

LockerStock
- Athletic Inventory Management System
- Custom, self-hosted infrastructure built on Kubernetes and Traefik
- Backend developed with Go, gRPC, and Buf
- Designing frontend with React Typescript, @mantine, and react-query
- CI/CD fully automated using GitHub Actions

Skills

- Go
- TypeScript
- React
- GitHub Actions
- Kubernetes
- Docker
- Problem Solver
- Quick Learner
- Teamwork
- Time Management
- Self-starter
- DevOps

Involvement

SkillsUSA Volunteer   *April 2018 - Current*
- Judged the Computer Game Development Competition at the Nebraska State Conference

DoSpace Volunteer   *Oct. 2017 – Nov. 2017*
- Helped organize and teach a Robotics Engineering & Coding Class for middle school students

Nebraska Robotics Expo Volunteer   *Feb. 2017*
- Helped assemble the expo and judge a competition

Eagle Scout in Boy Scouts Troop 14   *May 2015*
- Eagle Scout Project: Poor Farm Cemetery Restoration