

Alex Halbeisen

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EXPERIENCE

DevOps Engineer

July 2023 – October 2023

Salesforce

Burlington, MA

- Took a sabbatical to focus on personal and professional growth

Software Engineer

July 2017 – July 2023

IBM

Lowell, MA

- Collaborated with teams as a member of the Platform Engineering organization to enhance developer experience and quickly onboard new product teams
- Designed and delivered features for an internal developer portal, managing shared libraries and templates to provide self-service to cloud and local environment resources
- Migrated products to OpenShift, configuring authentication and authorization, secrets management, and handling challenges with air-gapped deployments
- Rewrote the build system in Gradle and implemented CI to deploy artifacts into production clusters while phasing out legacy systems
- Led development on an application that provided a unified view of the product lifecycle, removing information silos and enabling stakeholders to respond proactively to issues
- Enhanced CI/CD pipelines by integrating automated testing, code analysis, and security scanning tools to improve code quality and identify vulnerabilities early

Software Engineer Intern

June 2016 – August 2016

IBM

Littleton, MA

- Implemented JAX-RS backend APIs to retrieve data from production deployments for an internal CloudOps tool
- Developed JUnit tests with over 90% coverage and integrated them into the CI/CD pipeline for automated testing
- Utilized Swagger to automatically generate API documentation

PROJECTS

AFSP Fundraiser Site

2020

- Developed a full-stack web application to launch a campaign, enabling people to donate and purchase branded merchandise
- Recognized as a top 5% fundraiser for the American Foundation for Suicide Prevention in 2020

Instructor at SayDaNar Community Development Center

2017 – 2018

- Led classrooms for Burmese refugees, ranging from elementary to high school age
- Taught hands-on Python workshops using Raspberry Pi's, enabling students to build practical technical skills while sparking enthusiasm for STEM

TECHNICAL SKILLS

Languages: Python, Bash, Groovy, SQL

Cloud: AWS, IBM Cloud, Terraform, RedHat OpenShift Container Platform

Tools: Git, GitHub Actions, Jenkins, Docker, Travis CI, Artifactory, Gradle, Grafana, Rundeck, JUnit

Collaboration: PagerDuty, JIRA, ZenHub, Salesforce

Certifications: AWS Certified Solutions Architect - Associate, AWS Certified Developer – Associate, HashiCorp Certified: Terraform Associate

EDUCATION

University of Massachusetts Lowell

Lowell, MA

BSBA in Management Information Systems, GPA: 3.8

August 2013 – May 2017