

Sahil Ajmera

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OBJECTIVE

Software engineer with experience building services for cloud infrastructure open to new opportunities.

CORE SKILLS

- **Programming Languages:** Python, Java, C#
- **Database:** MySQL, Oracle 11g, SQL Server, H2 database engine, Cassandra
- **Orchestration Tools:** Docker, Ansible
- **Application Development:** HTML, Qt, .NET
- **Operating Systems:** Windows, Red Hat Linux, Oracle Linux, Ubuntu
- **Certifications:** Microsoft Technical Associate Cloud Fundamentals, Oracle Certified Professional JAVA SE6 Programmer

EDUCATION

Rochester Institute of Technology

MS in Computer Science

GPA: 3.9/4.0

Rochester, NY

Earned December 2019

Manipal Institute of Technology

B.Tech in Computer Science

Manipal, India

Earned May 2017

WORK EXPERIENCE

Oracle Cloud

Seattle, WA

Member Of Technical Staff, Network Automation

February 2020 – Present

- Led the creation of autonet compilation service which is a major service addressing various pain points for making network changes in region for customers and also moves OCI closer to the idea of touch-less network changes. As an SME, designed the workflows for the service and built the service end-to-end with minimal to no input from other engineers.
- Led the creation of autonet rack warehouse which is a major service moving OCI close to touch-less rack additions. As an SME, worked on feature development, bug fixes, test suite development, CLI access development, customer engagement, operational onboarding for the service through LA and GA.
- Implemented refactoring of critical components in network model creation tooling, added new features and promptly addressed bugs while collaborating with IC5s in the team.
- Provided customer support freeing up time of senior developers, bootstrapped cross-team services in Gov regions on exceptionally constrained timescales and provided operational support across Network Automation through support on tooling and on calls.
- **Technologies Used:** Python, Java, Maven, Bitbucket, Teamcity, Artifactory, Docker, Grafana

Lenovo DCG

Morrisville, NC

Software Development Co-op, Lenovo Open Cloud

August 2018 – May 2019

- Created ansible workflows instantiating various services like CloudForms, ManageIQ and Gitlab on Lenovo RHHI (Lenovo RHHI presented at MWC-2019 and Red Hat Summit 2019).
- Created a desktop application using Qt and MQTT to demo the usage of Lenovo video acceleration solutions. The setup allows forkLift operators to view the load and lane information on smart device. (Smart inventory management presented at MWC-2019 and Lenovo Accelerate 2019).
- Created web applications to demo 3 lenovo solutions as a proof of technology – allowing customers and partners to remotely access and compare existing infrastructure with Lenovo DCG solutions. These applications perform tests on sample hardware and using the lenovo solutions.
- **Technologies Used:** Python, C#, Ruby, Juju Charms, Qt, MQTT, Red Hat Satellite, RHVM, RHEL, CloudForms, ManageIQ, Ansible, Materialize, HTML, CSS, JavaScript, .NET

American Institutes for Research

Washington, D.C.

Software Engineer Intern, Assessment Platform

May 2018 – August 2018

- Implemented new features in the Assessment platform based on direct client requirements on a weekly basis.
- Diagnosed various bugs by working on direct client reports as well as by working with the internal QA teams.
- **Technologies Used:** C#, .NET, HTML, CSS, JavaScript, Ajax, SQL, SQL Server