

# Sahil Ajmera

sa7810@rit.edu | 646-571-9799 | linkedin.com/in/sahil-ajmera-b6144092 | github.com/Sahil-Ajmera | sahil-ajmera.github.io

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## OBJECTIVE

Dedicated engineer with a master's degree in Computer Science from Rochester Institute of Technology and experience working in the cloud infrastructure industry with companies like Oracle Cloud and Lenovo DCG. Open to new challenges.

## 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 for Cloud Fundamentals, Oracle Certified Professional JAVA SE6 Programmer, Advanced Graduate Certificate: Big Data Analytics

## 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**

*Member Of Technical Staff, Network Automation*

Seattle, WA  
February 2020 – Present

- Led the creation of Autonot Rack Warehouse in a team of 3 – As an SME, worked on feature development, bug fixing, entire test suite creation, CLI access development and customer engagement for the service throughout the process of getting the service through LA and GA.
- Refactored entire OCI-C network modeling tooling codebase, implemented monitoring and created CLI access for the network models while also providing necessary support to other teams as SME.
- Solely implemented the design of export intermediates for the Linker tool and incorporated it in the main Autonot tool. Part of features development, bug fixing, CLI access development and customer engagement team that help customers with issues regarding these tools.
- Gained DevOps experience through oncall rotations and scaling out services for regions.
- **Technologies Used:** Python, Java, Maven, Bitbucket, Teamcity, Artifactory, Docker, Grafana

### **Lenovo DCG**

*Software Development Co-op, Lenovo Open Cloud*

Morrisville, NC  
August 2018 – May 2019

- Implemented ansible workflow which instantiates, configures and validates services like CloudForms, ManageIQ and Gitlab (Lenovo RHHI presented at MWC-2019 and Red Hat Summit 2019).
- Created a desktop application to demo the usage of Lenovo video acceleration solutions that gives information to ForkLift operators regarding the load they carry and the lane they need to carry load to (Smart inventory management presented at MWC-2019 and Lenovo Accelerate 2019).
- Created demos for 3 lenovo solutions as a proof of technology – allowing customers and partners to remotely access and compare existing infrastructure with Lenovo DCG 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**

*Software Engineer Intern, Assessment Platform*

Washington, D.C.  
May 2018 – August 2018

- Implemented new features in the Assessment platform based on direct client requirements on a weekly basis.
- Documentation of code to help development teams to make new changes in a quick and easy-to-understand manner.
- 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

## RESEARCH

- "Sensors in Mobile Devices Knowledge Base" in IEEE Sensors Letters, vol. 4, no. 3, pp. 1-4, March 2020, Art no. 5500404, doi: 10.1109/LSENS.2020.2975161