

## Sri Gorantla

[sriranga13.github.io.com](https://sriranga13.github.io.com)

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## Education

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### University of Akron

Master of Computer Science

May 2022

GPA 3.4

- Data Science Project: Facial Expression Recognition using Machine Learning.
- Research Project: Multi person key point detection using Machine Learning.
- Data Integration Project: Real Estate Data Exploration using python libraries.

### Acharya Nagarjuna University, Bapatla Engineering College

Bachelor of Technology in Computer Science and Engineering

June 2020

- Graduated with distinction.

## Technical Skills

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- Python/Scikit-learn/numpy/pandas/tensorflow
- Azure /jenkins/ansible/docker/Kubernetes
- Devops
- SnowSQL
- Java
- Machine Learning
- Snowflake/Snowpark
- Data Warehousing/ ETL
- Web Development
- C#
- JavaScript
- Game Development

## Professional Experience

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### Q9Software

Software Engineer - Devops

Germantown, MD

May 2022-Present

May2021-September2021

- Worked on Microsoft Azure (Public) Cloud to provide IaaS support to client.
- Set up Automation to create Virtual Machines through Power Shell Script and Azure Portal, Created and managed Storage Account and Affinity Group in Azure Portal.
- Generated Docker files to build Docker images and leveraged Docker containers in Kubernetes.
- Built and deployed Docker containers to break up monolithic app into microservices, improving developer workflow, increasing scalability, and optimizing speed.
- Automated build and deployment using Jenkins to reduce human error and speed up production processes.
- Deployed the applications into CD/CI using Jenkins from development to production.
- Test, build, design, deployment, and ability to maintain continuous integration and continuous delivery process using tools like Jenkins, maven Git, etc.

- Loading data into snowflake tables from the internal stage using snowsql.
- Bulk loading from the external stage (AWS S3), internal stage to snowflake cloud.
- Used COPY, LIST, PUT and GET commands for validating the internal stage files.
- Writing complex snowsql, python scripts in snowflake cloud data warehouse to perform business analysis and reporting.
- Used SNOW PIPE for continuous data ingestion from the S3 bucket.
- Perform troubleshooting analysis and resolution of critical issues.
- Used snowpark api to create python udfs.
- Worked with unstructured data support and snowpark python stored procedures

### **University of Akron**

#### **Graduate Teaching Assistant**

**Akron, OH**

**January 2021-May2022**

- Courses: Algorithms, Data Structures using C++.
- Collaborated with the professor in preparing the class and served as a liaison between students and professor.
- Prepared and graded assignments, term papers, quizzes, and exams.

### **Q9Software**

#### **Jr Software Engineer**

**India**

**June 2020-January 2021**

- Execute full software development life cycle (SDLC)
- Develop flowcharts, layouts, and documentation to identify requirements and solutions
- Write well-designed, testable code in Java.
- Integrate software components into a fully functional software system
- Develop software verification plans and quality assurance procedures
- Deploy programs and evaluate user feedback

### **BSNL**

#### **Software Engineering Intern**

**India**

**May 2018 – July 2018**

- Developed web applications for tele communication systems.
- Gained exposure in telecommunication technologies and understanding of different types of equipment and systems used in the BSNL.

## **Certifications**

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| • 7-course graduate-level certificate in Data Science, University of Akron | May 2022     |
| • Machine Learning Professional  | January 2019 |
| • Certified Ethical Hacker   | October 2018 |