Sri Gorantla

sriranga13.github.io
(330) 671-1989

Education

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

- Python/Scikit-learn/numpy/pandas/tensorfow
- Azure /jenkins/ansible/docker/Kubernetes
- Spring Framework/Junit
- Microservices
- Java
- ORM Framework
- Machine Learning

- Snowflake/Snowpark
- Data Warehousing/ ETL
- Web Development
- JavaScript
- Game Development/ C#
- MySQL

Professional Experience

Q9Sofware   **Germantown, MD**

Software Engineer   **May 2022-Present**

                                                                                        May2021-September2021

- Developed Java applications using the Spring framework, including Spring Boot, Spring MVC, and Spring Data
- Built and maintained RESTful APIs using Spring.
- Implemented microservices architecture using tools like Docker and Kubernetes.
- Worked with MySQL database.
- Implemented security measures in Java applications, including authentication and authorization using Spring Security.
- Worked with messaging systems like Apache Kafka to implement event-driven architecture.Utilized Git for version control and collaborated with team members using tools like JIRA and Confluence.
- Conducted code reviews and performed automated testing using JUnit and Mockito.
- Worked with Agile methodologies and participated in daily standups, sprint planning, and retrospective meetings.

- 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.
- 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.
- 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.
- Used snowpark api to create python udfs.
- Worked with unstructured data support and snowpark python stored procedures.

University of Akron   **Akron, OH**
Graduate Teaching Assistant   **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   **India**
Jr Software Engineer   **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   **India**
Software Engineering Intern   **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

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