Sri Gorantla

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(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
- Devops
- SnowSQL
- Java
- Machine Learning
- Snowflake/Snowpark
- Data Warehousing/ ETL
- Web Development
- C#
- JavaScript
- Game Development

Professional Experience

Q9Sofware   **Germantown, MD**
Software Engineer - Devops   **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   **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