SUNIL CHOWDARY GUNTUPALLI

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PROFESSIONAL SUMMARY

Results-driven Master's student at the University of Cincinnati specializing in data analysis, data management, and full-stack development. Adept at transforming complex datasets into actionable insights and optimizing data processes. Proficient in key technologies including Azure, AWS, Docker, Kubernetes, and programming languages such as Python, Java, and SQL. Demonstrated ability to enhance data-driven decision-making and operational efficiency. Seeking to apply analytical skills and technical expertise to a data analyst role to drive impactful business strategies.

EDUCATION

Master of Engineering in Computer Science   GPA: 3.92
University of Cincinnati
Aug. 2023 – Expected Dec. 2024
Relevant Coursework: Intelligent Data Analysis, Cloud Computing, Operating Systems, Advanced Algorithms

Bachelor of Technology in Computer Science   GPA: 3.74
Koneru Lakshmaiah Education Foundation
July 2018 – May 2022
Relevant Coursework: Algorithms, Data Science, Software Development, Programming, Artificial Intelligence

TECHNICAL SKILLS

Programming Languages: Advanced in Python, Java, JavaScript, C++, C, PHP
Data Analysis & Visualization: Statistical Analysis, Predictive Analytics, Data Visualization (Tableau, Power BI), Data Mining, Dashboards & Reporting, Matplotlib
Data Management: SQL, MySQL, MongoDB, CouchDB
Full-Stack Development: Django, Vue.js, Node.js, REST APIs, Bootstrap, HTML, CSS
Cloud Computing: Azure, AWS, Google Cloud Platform
DevOps & CI/CD: Docker, Kubernetes, Agile Methodologies, Continuous Integration and Development
Tools & Technologies: Elasticsearch, Postman, Jenkins, Jupyter Notebooks, GitHub, Robotic Process Automation, SailPoint, ServiceNow, XAMPP

PROJECTS

AWS EC2 Registration System: Deployed a highly scalable and robust web server solution on AWS EC2 for a secure user registration system, featuring interactive functionalities and secure data storage.
Docker Data Processor Project: Utilized Python within a Docker container to efficiently process and analyze large text files, providing detailed word count statistics and advanced data extraction capabilities.
Big Data Weather Analysis: Analyzed extensive large-scale weather datasets using PySpark on Anaconda and Jupyter Notebook, identifying significant weather patterns, statistical trends, and providing actionable insights.
Exploratory Data Analysis with Databricks: Conducted comprehensive and advanced data analysis and visualization on various datasets using Databricks Community Edition, generating actionable insights and enhancing data-driven decision-making.
Google Dialogflow Chatbot: Built an interactive and responsive chatbot using Google Dialogflow.
Additional: Movie Ticket Booking System, Tic-Tac-Toe Game, Certificate Management System

WORK EXPERIENCE

Software Engineer | Motorola Solutions   June 2021 – July 2023
- Enhanced a deployment platform for 100+ clients and partners with Azure Management Services, optimizing project provisioning and resource allocation, resulting in over $1.2 million in cost savings and a 25% improvement in operational efficiency.
- Spearheaded the transition of 1,000+ data sets from Excel to MySQL, CouchDB, and Access DB, which improved data handling efficiency by 90%, streamlined data management processes, and increased data accessibility and reliability.
- Designed and integrated advanced data visualization and analysis features using Vue.js, Angular, and Node.js, which improved user experience and application performance by 30%, providing actionable insights through interactive dashboards and real-time updates.
- Utilized Azure, Docker, and Kubernetes to manage cloud operations for 50+ projects, achieving seamless deployment, scalable solutions, and enhanced system reliability, contributing to a 40% increase in efficient resource management.
- Applied data analysis to automate processes across 500+ projects, reducing manual efforts by 60%, improving workflow efficiency, and increasing overall productivity through the implementation of automation solutions.

Technology Intern | Deloitte   Jan. 2021 – April 2021
- Leveraged SailPoint IdentityIQ to manage user identities for 200+ users, improving data security and streamlining user provisioning and de-provisioning processes, resulting in a 20% increase in compliance and system efficiency.
- Conducted detailed data analysis and generated weekly performance reports for 10+ projects, providing actionable insights that identified trends and supported data-driven decision-making to enhance operational performance by 15%.
- Implemented Java solutions and utilized XML within SailPoint to automate 50+ identity management processes, reducing manual intervention and enhancing system functionality, leading to a 25% increase in operational effectiveness.
- Utilized Git and GitLab for version control and project tracking, ensuring accurate progress and effective collaboration on 5+ development tasks, facilitating smooth project execution, timely updates, and seamless team integration.

Web Development Intern | Mad Crayons   June 2020 – July 2020
- Contributed to the development of the Mad Crayons website using PHP and Laravel, significantly improving site functionality and loading speeds by 50% through optimized code, efficient database management, and streamlined server configurations.
- Managed user data with MySQL and utilized XAMPP for local development, leading to a 30% improvement in data handling, site stability, and overall performance, resulting in enhanced user satisfaction based on comprehensive data analysis.

CERTIFICATIONS

Microsoft Certified Azure Fundamentals, ServiceNow Certified System Administrator, Automation Anywhere Advanced RPA Professional, DevOps Professional Certificate

LEADERSHIP & ACHIEVEMENTS

- President at RPA Club, Robotic Process Automation, KL University.
- Led programming workshops for 150+ students, teaching C and Java.
- Developed coursework for Algorithms and Data Science, impacting 1,200 students.
- Attained gold medal in national-level coding competition.