Snehitha Sai Sappa

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SUMMARY

Results-driven Data Analyst with 2+ years of experience in data analytics, dashboard development, and predictive modeling. Proven ability to streamline processes, boost efficiency by 35%, and deliver insights that drive strategic decisions. Skilled in SQL, Python, Power BI, and machine learning techniques.

EDUCATION

Master of Science in Information Technology and Project Management.   **Aug 2023 - May 2025**
Arizona State University | Tempe, Arizona, USA.   GPA: 3.89/4.00
Bachelor of Technology in Information Technology   **July 2019 - May 2023**
PVP Siddhartha Institute of Technology | Vijayawada, India.   GPA: 3.4/4.00

TECHNICAL SKILLS

- **Programming & Scripting:** Python, R, SQL, Java, JavaScript, C++, PHP
- **Data Analysis, Visualization & BI:** Tableau, Power BI, MS Excel, Bokeh, Plotly, Seaborn, Matplotlib, Pandas, NumPy
- **Machine Learning & AI:** scikit-learn, TensorFlow, PyTorch
- **Web, Cloud & DevOps:** HTML5, CSS3, React.js, Node.js, AWS, GCP, Azure, Docker, Kubernetes, Git, GitHub
- **Tools, Platforms & Certifications:** Jupyter, Visual Studio Code, Android Studio, Windows, macOS, Linux
- **Certifications:** AWS Academy Cloud Foundations, AWS Academy Machine Learning Foundations, AWS Cloud Architecting

PROFESSIONAL EXPERIENCE

Kronos Data Analyst, Aramark | *Tempe, AZ*   **Sep 2023 – May 2025**
- Analyzed workforce data using Kronos Workforce Dimensions, enhancing scheduling accuracy and payroll processes, which reduced data discrepancies by 25%.
- Automated ETL processes and streamlined reporting workflows, cutting manual intervention by 35% and improving operational efficiency by 20%.

Teaching Assistant – Data Analytics and Business Intelligence, Arizona State University | *Tempe, AZ*   **Jan 2024 – May 2024**
- Guided 50+ students in data analysis techniques using Python, SQL, and Power BI, increasing exam scores by 15% and student engagement by 20%.
- Co-developed BI-focused course content and interactive dashboards, enabling 50+ students to analyze real-world business data and derive actionable insights, resulting in a 20% improvement in project quality and practical application.

Data Engineer – Junior Data Solutions Developer, Arik Infotech Pvt. Ltd. | *Bangalore, India*   **Dec 2021 – Dec 2022**
- Built scalable data pipelines using AWS, Python, and SQL, automating data collection and transformation, reducing processing time by 30%.
- Implemented CI/CD pipelines with Git and Jenkins, cutting deployment times by 40% and improving the efficiency of data integration.

AI/ML Data Engineering Intern, AICTE Edu Skills | *Hyderabad, India.*   **Jun 2021 – Nov 2021**
- Engineered machine learning models using Python and TensorFlow, improving model performance by 20% and accelerating data processing by 25%.
- Enhanced ETL pipelines and developed interactive dashboards with Plotly and Seaborn, improving data accessibility and speeding up decision-making by 30%.

ACADEMIC PROJECTS

Student Grade Evaluation Using Predictive Analytics | *Python, R, JavaScript, React.js, Tableau*   **Jan 2024 – May 2024**
- Engineered predictive models using Logistic Regression, Random Forest, and Gradient Boosting to forecast high school grades with up to 87% accuracy; applied advanced preprocessing and 5-fold cross-validation, resulting in a 15% increase in model precision and F1-score.

Interactive Dashboard for Loan Data Analysis | *Tableau, Python, JavaScript, R*   **Jan 2024 – May 2024**
- Designed and implemented an interactive dashboard with customizable filters to analyze loan data trends and demographics, improving reporting efficiency by 40% and reducing reporting time by 25%, empowering stakeholders with actionable insights.

NLP-Based WhatsApp Chat Analyzer |*NLP, Streamlit, Pandas, Regex, Emoji, WordCloud*   **Jan 2023 - May 2023**
- Developed an NLP-powered chat analysis system to extract user activity, emoji usage, and word frequencies from group conversations, enhancing engagement analysis; integrated visualizations like word clouds and heatmaps, increasing user insight and interaction by 30%.

PAPER PUBLICATION

Skill Set Based Recommender System for Jobs and Internships | *HTML, CSS, JavaScript, PHP*   **Aug 2022 – Dec 2022**
- Led the end-to-end development of a skill-based job recommender system, optimizing UI performance to boost user satisfaction by 40% and reduce bugs by 30%; results were published in IJARSCT in November 2023.**View Publication**