Snehitha Sai Sappa
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SUMMARY

Results-driven Data Professional with 2+ years of hands-on experience in data analytics, dashboard development, and predictive modeling. Proven success in streamlining workflows, reducing reporting time by 35%, and transforming raw data into actionable insights. Proficient in SQL, Python, Power BI, Tableau, and machine learning frameworks such as scikit-learn and TensorFlow.

EDUCATION

Arizona State University - Tempe, Arizona, USA.   **Aug 2023 - May 2025**
Master of Science in Information Technology and Project Management | GPA: 3.89/4.0
PVP Siddhartha Institute of Technology - Vijayawada, India.   **July 2019 - May 2023**
Bachelor of Technology in Information Technology | GPA: 3.4/4.0

TECHNICAL SKILLS

- **Languages:** Python, R, SQL, Java, JavaScript, C++, PHP
- **Data & BI Tools:** Power BI, Tableau, MS Excel, Bokeh, Plotly, Seaborn, Matplotlib, Pandas, NumPy
- **Machine Learning & AI:** scikit-learn, TensorFlow, PyTorch
- **Cloud & DevOps:** AWS, Azure, GCP, Docker, Kubernetes, Git, GitHub
- **Web Technologies:** HTML5, CSS3, React.js, Node.js
- **Platforms/Tools:** Jupyter, VS Code, Android Studio, Windows, macOS, Linux
- **Certifications:** AWS Cloud Foundations, AWS 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, reducing data discrepancies by 25% in payroll and scheduling.
- Automated ETL pipelines and reporting workflows using Python and SQL, decreasing manual efforts by 35% and improving operational efficiency by 20%.
- **Tools:** Kronos, SQL, Excel, Python, ETL, Power BI

Teaching Assistant – Data Analytics and Business Intelligence, Arizona State University | *Tempe, AZ*   **Jan 2024 – May 2024**
- Mentored 50+ students on Python, SQL, and Power BI for analytics tasks, resulting in a 15% improvement in exam performance.
- Co-designed course content and developed interactive BI dashboards, leading to a 20% boost in project quality and engagement.
- **Tools:** Python, SQL, Power BI, Excel

Data Engineer – Junior Data Solutions Developer, Arik Infotech Pvt. Ltd. | *Bangalore, India*   **Dec 2021 – Dec 2022**
- Built scalable data pipelines with AWS and Python, reducing data processing time by 30%.
- Implemented CI/CD with Jenkins and Git, improving deployment speed by 40% and ensuring reliable data integration workflows.
- **Tools:** AWS, Python, SQL, Jenkins, Git

AI/ML Data Engineering Intern, AICTE Edu Skills | *Hyderabad, India.*   **Jun 2021 – Nov 2021**
- Developed machine learning models using TensorFlow, increasing performance by 20% and accelerating data processing by 25%.
- Created visual dashboards with Plotly and Seaborn, enhancing insights and enabling faster decision-making by 30%.
- **Tools:** Python, TensorFlow, Seaborn, Plotly, Pandas

ACADEMIC PROJECTS

Student Performance Prediction Using Predictive Analytics | *Python, R, JavaScript, React.js, Tableau.*   **Jan 2024 – May 2024**
- Developed models using Logistic Regression, Random Forest, and Gradient Boosting to predict high school grades with 87% accuracy.
- Applied data preprocessing and 5-fold cross-validation to improve model performance and F1-score by 15%.

Interactive Dashboard for Loan Data Analysis | *Tableau, Python, JavaScript, R*   **Jan 2024 – May 2024**
- Designed a dynamic dashboard with filters and charts to visualize loan data trends, improving report generation by 40% and reducing reporting time by 25%.

NLP-Based WhatsApp Chat Analyzer | *NLP, Streamlit, Pandas, Regex, WordCloud*   **Jan 2023 - May 2023**
- Built an NLP tool to analyze group chats, emoji usage, and user activity; integrated visualizations like heatmaps and word clouds to boost insights by 30%.

PAPER PUBLICATION

Skill Set Based Recommender System for Jobs and Internships | *HTML, CSS, JavaScript, PHP*   **Aug 2022 – Dec 2022**
- Developed a job-matching platform based on skills; improved UI responsiveness by 40% and reduced bugs by 30%.
- Published in IJARSCT – November 2022 **View Publication**