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 in Kronos Workforce Dimensions, reducing payroll and scheduling discrepancies by 25% through data validation and reconciliation.
- Automated ETL workflows using Python and SQL, cutting manual effort by 35% and increasing reporting efficiency by 20% through seamless data pipeline integration.

Teaching Assistant – Data Analytics and Business Intelligence, Arizona State University | *Tempe, AZ* **Jan 2024 – May 2024**
- Mentored 50+ students in Python, SQL, and Power BI, resulting in a 15% improvement in exam scores and higher classroom participation.
- Designed case-based labs and BI dashboards, increasing student project quality by 20% and enhancing real-world analytics application skills.

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

AI/ML Data Engineering Intern, AICTE Edu Skills | *Hyderabad, India.* **Jun 2021 – Nov 2021**
- Developed machine learning models with TensorFlow, boosting predictive performance by 20% and reducing data processing time by 25%.
- Built interactive dashboards with Seaborn and Plotly, improving decision-making efficiency by 30% through visualized insights.

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**
- Designed and deployed a skill-based job matching platform, enhancing UI responsiveness by 40% and reducing front-end bugs by 30% through optimized coding practices.
- Published in *IJARSCT* (Nov 2022), highlighting innovative approaches to personalized job recommendations based on user-entered technical skills. **View Publication**