**Snehitha Sai Sappa**

[ssnehitha2012@gmail.com](mailto:ssnehitha2012@gmail.com) | (614) 483-9574 | [LinkedIn](https://www.linkedin.com/in/snehithasaisappa2112/) | [Portfolio](https://snehitha2123.github.io/Snehitha_Portfolio/) | Tempe, AZ

**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**](https://ijarsct.co.in/Paper7579.pdf)