

Baba Sriharsha Asapu

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SUMMARY

Data analytics professional with a strong background in Information Systems and Computer Science, adept at transforming raw data into actionable insights. Proficient in Python, HTML, PowerPoint, and Excel with hands-on experience in automation and AI tools. Demonstrated ability to enhance engineering projects through innovative data collection and analysis. Ready to support research and development initiatives with technical expertise and a detail-oriented work ethic.

PRACTICAL SKILLS

Languages, Cloud & Analytics: Python, html, css, javascript, Firebase, MySQL, Azure DevOps, Power BI, IBM SPSS, OpenAI API

Tools, Frameworks & Libraries: Git, GitHub, Jupyter, VSD, PyCharm, Google Colab, Streamlit, Flask, Pandas, NumPy, Scikit-learn, Trello, JIRA, CREO

ACADEMIC PROJECTS

AI Resume Editor

Jun 2025

Streamlit | GPT-4 | Firebase | Python | Scikit-learn

- Developed and deployed a full-stack AI-powered web app that tailors resumes, generates cover letters, and provides job match scoring in real-time.
- Implemented OpenAI GPT-4 to rewrite resume content and generate personalized cover letters based on job descriptions.
- Used TF-IDF and Scikit-learn to calculate resume-to-job match scores and deliver relevance insights.
- Integrated Firebase for session tracking, resume storage, and secure API key management.
- Deployed the application using Streamlit Community Cloud; app available online with full GitHub source.

Airplane Performance Tracker – Power BI

Nov 2024

Power BI | DAX | Data Modeling | Data Storytelling

- Designed a 6-page interactive Power BI dashboard analyzing U.S. flight data (delays, cancellations, routes, airlines)
- Modeled and cleaned raw data; built relationships and applied DAX measures for average delays and KPIs
- Visualized key trends using bar, line, donut, and table charts with dynamic filters (month, airline, year)
- Showcased end-to-end BI skills: data prep → analysis → storytelling → strategy

View my projects here: github.com/Harsha-03

PROFESSIONAL EXPERIENCE

Start-up (BuiltinTech) - IT Services

Jan 2023

- I lead a team dedicated to creating innovative web and mobile applications tailored to client needs.

EDUCATION

Masters of Science in Information Systems

Jan 2024 - Present

Saint Louis University, Saint Louis, Missouri

CGPA - 3.8

Bachelors of Science in Computer Science Engineering

May 2019 - June 2023

KLH University, Hyderabad

CGPA - 3.46

EXTRACURRICULAR ACTIVITIES

Executive Member of AI/ML Club

Oct 2021 - Mar 2023

- Utilized AI and ML-based tutorials to lead instructional sessions for club members.
- Kept the club informed on the latest industry developments, maintaining a dynamic learning atmosphere.

Hackathon

2021 - 2022

- Participated in 24 Hour (Software Development) | Participated in 12 Hour (Design Thinking)

Event Organizer | IVARNA'22 & Farwell during Undergrad

CERTIFICATIONS

NASSCOM Fundamental of Data Analytics - 2023 | Automation Anywhere RPA - 2022