Baba Sriharsha Asapu

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SUMMARY

Curious tech professional with a solid foundation in Information Systems and Computer Science. Skilled in transforming raw data into actionable insights through automation, visualization, and strategic thinking. Passionate about data, automation, and building smart, impactful solutions through continuous learning and creative problem-solving.

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