**Sujan Naidu Bhaskar Surisetty**

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**EDUCATION**

**The University of Texas at Dallas** May 2025

*Master of Science, Information Technology and Management*

Dean’s Excellence scholarship

**Gitam University,** IndiaJune 2022

*Bachelor of Technology, Mechanical*

0-2+ years of experience Must be actively enrolled in college with preference of junior or senior standing at the start of the internship. We are looking for a student who is seeking a 4-year college degree with focus on User Experience, Web Design, or related coursework. Proficient in Adobe Photoshop, Sketch and wire framing tools Working knowledge of HTML5 and CSS3 would be a plus Strong work ethic and interest in subject matter 3.0 or higher-grade point average is preferred.

PROFESSIONAL EXPERIENCE

**Wipro private limited**, Hyderabad, IndiaJune 2022 – June 2023

*Data Engineer - 1*

* Assisted in developing and managing data ingestion processes, handling a daily influx of 1 million events from various sources, including weblogs, user activities, sales transactions, and product catalog data.
* Contributed to the design of a scalable and distributed storage solution on Amazon S3 to accommodate the growing data volume throughout the project's lifecycle.
* Played a key role in implementing data processing and transformation pipelines with ETL processing techniques to improve data quality and consistency, resulting in the cleansing and enrichment of 95% of incoming data.
* Collaborated with agile teams on data validation and migration projects, gaining experience with Hadoop and Snowflake in a Python environment, which led to a 15% enhancement in output delivery efficiency.
* Engaged in proactive issue tracking, assisting in resolving 90% of issues before they affect project timelines.

**ACADEMIC PROJECT EXPERIENCE**

*Development of Job Boards and Recruitment Platforms*

* Designed and built a user-friendly interface for a job matching platform utilizing Figma, Adobe XD, Sketch, HTML5, and CSS3, with an emphasis on improving user experience and engagement through responsive and visually appealing designs.
* Collaborated with cross-functional teams, including developers and designers, to effectively incorporate user feedback, using HTML5 and CSS3 to implement modifications that resulted in a 40% increase in user engagement within the first quarter of launch.
* Strong typography, layout, and visual design skills, as well as knowledge of HTML5 and CSS3, were used to develop a simple and accessible interface that dramatically improved user involvement and satisfaction.

*Real-Time Traffic Pattern Analysis*

* Created a Real-Time network Analysis system using Hadoop that reduced prediction latency by 50% and enhanced network flow analysis by 30%.
* Improved congestion prediction accuracy by 35% with Spark ML-lib and increased data processing throughout by 40% with Apache Kafka.
* Utilizing predictive modeling and real-time analytics, helped to achieve a 25% increase in peak-hour traffic flow and a 20% reduction in typical travel times.

*Financial Trend Analysis Bot*

* Developed a Financial Market Trends Bot that analyzes more than 5,000 financial news items and social media postings every month to pinpoint important market trends. It was able to anticipate a 75% prediction accuracy.
* Sentiment analysis was implemented with the help of Python's NLTK library, and it was successful in identifying market sentiment with an accuracy rate of 80%, helping to comprehend investor opinion toward individual stocks.
* Created a user-friendly dashboard that displayed forecasts and analyzed data; this led to a 30% rise in test user involvement, including academics and students, indicating the bot's possible utility in real-world financial analysis.

***Skills*:** Advanced Python, Advanced SQL, Advanced Excel, HTML5, CSS3, Figma, Hadoop, Kafka, Postgres, Grafana, Dotnet, AWS, Azure, Matplotlib, Adobe XD, Tableau, Invasion, Ruby (Rails), JavaScript (React).

***Certifications****:* Python using data structures from Coursera, Advanced SQL from LinkedIn.