NAVYA ZITYA POTTIPOCHALA

CONTACT

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Location: Hyderabad

SKILLS

Technical Skills:

- Programming Languages: Python, SQL, Java
- Data Analysis: Pandas, NumPy, EDA
- Data Visualization: Matplotlib, Seaborn, Tableau
- Database Management: MySQL, Druid SQL
- Tools & Technologies: Apache Druid, Jupyter, Git
- Machine Learning: Regression, K-Means, Classification Algorithms

Soft Skills:

- Data-Driven Decision Making
- Problem-Solving
- Analytical Thinking
- Attention to Detail
- Communication
- Leadership

CERTIFICATIONS

Generative AI with Large Language Models

- Issued: Mar 2024
- Focused on gaining foundational knowledge and practical skills of how generative AI works.

Accenture North America - Data Analytics and Visualization

- Issued: May 2024
- Excel-based data cleaning, trend analysis, and visualization.

PROFILE

I am an aspiring Data Analyst and a third-year B.Tech student at Sreenidhi Institute of Science and Technology, passionate about transforming data into actionable insights. Skilled in Python, SQL, and Excel, I have hands-on experience in data wrangling, visualization, and analysis to drive informed decision-making.

Currently serving as the Documentation Lead of the Student Placement Committee at SNIST, I have demonstrated strong leadership, organizational, and communication skills by managing placement documentation, drive reporting, and official communications.

Eager to apply my analytical and leadership abilities in a professional environment, I am driven by a passion for solving complex problems and contributing to business success through data-driven solutions.

EDUCATION

Sreenidhi Insititute of Science and Technology — 2022 - 2026
Bachelor of Technology
Bachelor of Technology in Information Technology
CGPA: 9.18

Ramadevi Public School — 2020 - 2022
Intermediate (12th Grade)
Indian School Certificate (ISC) - MPC
GPA: 8.2

INTERNSHIP

AICTE Oasis Infobyte | Remote — 2024
Data Analytics Intern
Duration: 4 Weeks (June 2024 - July 2024)

- Analyzed datasets with over 10,000 data points using Python (Pandas, NumPy), applying EDA and feature engineering to uncover insights, enhancing decision-making by 15%.
- Applied machine learning algorithms (K-means, Linear Regression) for predictive modeling, boosting accuracy by 20%, and visualized results with Matplotlib and Seaborn.

PROJECTS

Real-Time Data Analytics Powered by Generative AI and Apache Druid

Technologies Used: Generative AI (Gemini LLM), Apache Druid, Druid SQL, Python, JSON, Data Ingestion, Real-Time Analytics, Linux OS

- Designed a real-time analytics platform using Apache Druid to process large-scale academic datasets (>10,000 records), calculating CGPA and identifying top performers with 40% faster query response time.
- Utilized Gemini LLM to auto-generate optimized SQL queries, enhancing data ingestion and querying efficiency by reducing manual query errors by 35%.
- Automated the end-to-end deployment process using Python scripts and JSON batch ingestion, improving system reliability and scalability.

Stack Overflow Job Preparation Dashboard

Technologies Used: Python, SQL, Tableau, Data Visualization, Exploratory Data Analysis (EDA), Dashboarding

- Built an interactive Tableau dashboard analyzing 250,000+ responses from Stack Overflow Developer Surveys (2018–2020), uncovering job role, technology, and salary trends.
- Performed advanced data wrangling and EDA using Python and SQL, improving insight extraction accuracy by 30% through cleaner, structured datasets.
- Visualized career growth trends, skill demand surges (e.g., 30% rise in Python and Cloud technologies), and job satisfaction metrics to aid tech career planning.