TANISHA MANN

Delhi

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PROFILE SUMMARY

- Proficient in Python, Java, C, and SQL, with expertise in developing robust software solutions and optimizing database management systems.
- Skilled in analyzing large datasets, building data pipelines, and extracting actionable insights to drive strategic decisions.
- Experience in FastAPI for building dynamic APIs and Power BI for creating interactive dashboards that enhance data-driven decision-making.

RELEVANT COURSEWORK

- Data Integrity
- Data Mining
- Data Governance
- Data Visualization
- Requirement Gathering
- Data Manipulation

EXPERIENCE

Threye Interactive- Software Engineer Intern   June 2024 - July 2024

- Developed RESTful APIs using FastAPI for data analysis and backend services.
- Created interactive data visualizations with Plotly.js and Matplotlib for real-time insights.
- Collaborated with a cross-functional team to deliver software solutions.

Aware Health NGO- Social Intern   June 2023 – July 2023

- Gained knowledge on the structure, funding, and management of non-profit organizations.

PROJECTS

FastTrack: Data Analysis and Visualization with FastAPI

- Designed and developed an interactive platform using FastAPI for efficient data analysis and visualization.
- Implemented data pipelines to process and analyze large datasets, generating actionable insights.
- Created real-time data visualizations using Plotly.js and Matplotlib to provide a clear and dynamic user experience.
- Optimized API endpoints for better performance, enabling faster data retrieval and display.

Multi-Banking System

- Developed a web app for managing multiple bank accounts through a unified interface.
- Implemented features such as real-time account monitoring, fund transfers, and transaction classification.
- Built the backend using FastAPI and the frontend with Javascript.
- Added functionalities like credit score checking, UPI transactions.

TECHNICAL SKILLS

- **Analytical Tools:** Power BI, Tableau
- **Programming Languages**: Python, C, Java, SQL, Html, CSS, Javascript, FastAPI
- **Frameworks & Technologies**: FastAPI, Matplotlib, Plotly.js, NumPy, GitHub
- **Database Technologies**: MySQL
- **Other Tools**: Jupyter Notebooks, Visual Studio Code

EDUCATION

University of Petroleum and Energy Studies   August 2022 – July 2026

Bachelor of Technology – CGPA: 8.01