TANISHKA SHARMA

+91 9424868152 github.com/tanishkasharma29
tanishkaratlam@gmail.com linkedin.com/in/tanishka-sharma

EDUCATION

B.Tech in Computer Science, IIIT Vadodara 2022 - Present **CPI: 7.72/10.00**

XII (CBSE), The Saphire School 2022 **Percentage: 88.2%**

X (CBSE), St. Joseph's Convent Sr. Sec. School 2020 **Percentage: 93.4%**

SKILLS

Languages: Java, Python, C, Dart, JavaScript, HTML5, CSS3
Tools & Libraries: Power BI, Tableau, Pandas, NumPy, Seaborn, Matplotlib, MySQL, MongoDB, Git, Docker, Kubernetes, Flutter, Firebase, Bootstrap, LaTeX, Microsoft Office Suite, Google Suite, React.js, Node.js, Express.js, Linux
Domain Knowledge: Data Engineering, Database Management, Data Visualization, App Development, Web Development, API Development
Key Achievements:

- Solved 100+ LeetCode problems, improving DSA and SQL proficiency.
- Built dashboards analyzing 1M+ data points, reducing reporting time by 40%.

EXPERIENCE

Centre for Railway Information Systems (CRIS) — Intern June 2024 – August 2024 — Mumbai, India

- Developed the SLAM (Software for Locomotive Asset Management) app using Flutter, enabling real-time monitoring and predictive maintenance for locomotives, enhancing operational efficiency by 25%.
- Designed an interactive Power BI dashboard analyzing 1M+ data points for Western Railways Goods Train operations, reducing manual reporting time by 40%.
- Applied advanced data visualization techniques, improving stakeholder decision-making with clear insights.

Certificate: View Certificate

PROJECTS

Gemini AI — GitHub Repository Live Demo
Tech Stack: Express.js, React, Vite, JavaScript, HTML, CSS

- Developed a text generation web application using React and Vite for fast and responsive UI interactions.
- Implemented backend with Node.js and Express.js to process API requests and generate AI-driven text outputs.

YouTube Comments Sentiment Analysis — GitHub Repository Live Demo
Tech Stack: Python, Pandas, NumPy, Matplotlib, Seaborn, Streamlit

- Built a sentiment analysis tool using Python libraries to process YouTube video comments and evaluate audience sentiment.
- Visualized sentiment trends with Matplotlib and Seaborn, providing data-driven insights for content creators.

Expense Tracker App — GitHub Repository Live Demo
Tech Stack: React, Node.js, MongoDB, JavaScript, HTML, CSS

- Developed a full-stack expense tracker application with React for dynamic, real-time user interactions.
- Integrated MongoDB for data storage and used Node.js/Express.js to handle backend API requests securely.

PROFILES

- Portfolio
- LeetCode (SQL50 Badge Earned)
- GeeksForGeeks