

# TANISHKA SHARMA

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## EDUCATION

B.Tech in Computer Science, IIIT Vadodara	2022 - Present <b>CPI: 7.72/10.00</b>
XII (CBSE), The Sapphire School	2022 <b>Percentage: 88.2%</b>
X (CBSE), St. Joseph's Convent Sr. Sec. School	2020 <b>Percentage: 93.4%</b>

## SKILLS

**Languages:** Java, Python, C, Dart, JavaScript, HTML5, CSS3  
**Tools & Libraries:** Power BI, Pandas, NumPy, Seaborn, Matplotlib, MySQL, MongoDB, Git, Flutter, Firebase, Bootstrap, LaTeX, Microsoft Office Suite, Google Suite, React.js, Node.js  
**Domain Knowledge:** Data Engineering, Database Management, Data Visualization, App Development, ETL Pipelines, Web 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
<ul style="list-style-type: none"><li>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%.</li><li>Designed an interactive Power BI dashboard analyzing 1M+ data points for Western Railways Goods Train operations, reducing manual reporting time by 40%.</li><li>Applied advanced data visualization techniques, improving stakeholder decision-making with clear insights.</li></ul>	

Certificate: [View Certificate](#)

## PROJECTS

**Expense Tracker App** — [GitHub Repository](#)  
**Tech Stack:** React, Node.js, MongoDB, JavaScript, HTML, CSS  
Developed a full-stack expense tracking application enabling users to log, categorize, and analyze expenses efficiently. Designed a responsive frontend using React for real-time data updates and dynamic UI interactions. Implemented a secure backend with Node.js and Express, leveraging MongoDB for data storage and retrieval. Integrated authentication and RESTful APIs to ensure secure and scalable financial management.

**Ola Interactive Dashboard** — [GitHub Repository](#)  
**Tech Stack:** Power BI, MySQL, MS Excel  
Developed an interactive Power BI dashboard analyzing Ola's booking data to provide insights into total bookings, revenue, customer behavior, and cancellation patterns. Designed multiple sections, including an overall summary, revenue analysis, and ratings analysis, enabling stakeholders to make data-driven decisions. Utilized MySQL for data preprocessing and MS Excel for data cleaning to ensure accurate visualizations.

**T-Store E-Commerce App** — [GitHub Repository](#)  
**Tech Stack:** Flutter, Firebase, GetX  
Developed a cross-platform e-commerce application using Flutter, featuring seamless navigation and state management with GetX. Integrated Firebase for backend services, including real-time database management and user authentication, enhancing data security and user experience. Designed an intuitive UI/UX to facilitate user engagement and streamline the shopping process, contributing to a comprehensive mobile shopping solution.

## PROFILES

- [LeetCode \(SQL50 Badge Earned\)](#)
- [GeeksForGeeks](#)