

Tanisha Rajpal

Phone : +91 8000538386 | tanisharajpal231@gmail.com | github.com/tanisharajpal1223 | linkedin.com/in/tanisha-rajpai

Education

Vellore Institute of Technology, Bhopal
2025 Bachelor of Technology in Computer Science

Aug 2021 – May
CGPA: 9.16/10

Skills

Technical Skills: SQL, Python, Excel, Tableau, Power BI, RPA Automation Anywhere, Market Research, Competitive Analysis, Business Growth, Revenue Optimisation, Financial Modeling, Business Analytics, Data-Driven Decision Making. **Certifications:** Google Data Analytics (Coursera) – May 2023, Robotic Process Automation – Aug 2023, MySQL (Kaggle) – Feb 2023.

Experience

HPE (Hewlett Packard Enterprise) | Project Intern
2024

Jan 2024 – May

- Optimized **high-performance storage systems** using **Distributed Asynchronous Object Storage (DAOS)** on Intel hardware, increasing efficiency by **25%**.
- Configured **firewall settings & SSH** for secure remote access across **3 VMs**, ensuring a **100% boot success rate**.
- Executed **Java & C++ scripts** for object storage interactions, boosting system reliability by **20%**.
- Led **feature enhancements & code refinements**, improving overall system performance by **15%**.

Projects

Health Insurance Cross-Sell Prediction | United India Insurance | [GitHub](#)

Oct 2024 – May 2025

- Developed **classification models** (Logistic Regression, Decision Tree, XGBoost) to **predict policyholders likely to buy vehicle insurance**.
- Applied **feature engineering** (VIF, SMOTE, MinMaxScaler) to enhance **model accuracy**.
- Achieved **88% prediction accuracy** using **Decision Tree**, optimized via **Grid Search & K-Fold Cross-Validation**.
- Provided **marketing insights**, improving vehicle insurance cross-sell success by **25%**.

Sales & Inventory Forecasting | Data Analytics & RPA Project

Jan 2023 – May

2024

- Developed a **data-driven sales forecasting model** for a **cooler & parts wholesale business**, optimizing **inventory management**.
- Built **interactive dashboards (Power BI/Tableau)** to track **cooler & spare parts sales trends & stock levels**.
- Automated **inventory updates & supplier notifications** using **RPA (Automation Anywhere)**, reducing manual work by **40%**.
- Improved **demand forecasting accuracy**, preventing stock shortages & excess inventory costs.

Extra-Curricular and Achievements

Competitive Coding & Hackathons

May 2022 – May

2024

- Secured Global Rank 527 in python and DSA (GeeksforGeeks), Achieved 3-star in python and Mysql (HackerRank).
- Competed in Codeathon in Feb 2022, inter-NIT coding competition, and participated in Smart India Hackathon in Mar 2024, creating an automatic drug dispenser that reduced processing time by 20%.
- Organized events and worked on startup consulting projects.
- Led a **data-driven growth initiative** for a local business, improving **customer acquisition & revenue**.