

Yash

Information Technology & Data Driven Applications

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EXPERIENCE

To LetGlobe(Startup), Data Analyst Internship 12/2025 – 04/2026 | Remote (Lucknow)

- **Data Management & Accuracy:** Organized and cleaned **100+ rental records** using Excel, improving database reliability and reducing data entry errors.
- **Performance Tracking:** Developed custom **Excel trackers** to monitor daily leads and sales, providing the team with clear visibility into weekly growth trends.
- **Operational Support:** Streamlined data workflows for startup operations by maintaining accurate spreadsheets, ensuring quick access to high-priority business information.

Infotact Solutions Pvt.Ltd, Data Analyst Internship 06/2025 – 08/2025 | Remote (Banglore)

- **Phase 1: Advanced Data Analytics & Optimization** Performed end-to-end analysis on **10,000+ rows** of sales data using **Python and SQL**, identifying **3+ key revenue trends** and optimizing customer segmentation to improve targeted marketing efficiency.
- **Phase 2: Strategic KPI Visualization** Engineered interactive **Power BI dashboards** to track **5+ critical KPIs**, providing real-time insights into profit margins and sales forecasts that streamlined stakeholder decision-making.

Github - Open Source Contributor

12/2024 – Present

- **Active Contributor:** Solved **5+ real-world problems** in open-source projects, improving code efficiency and fixing critical bugs.
- **Impactful Delivery:** Merged **10+ Pull Requests** in community repositories, focusing on building scalable features and clean documentation.
- **Collaborative Builder:** Actively developing and maintaining public tools, collaborating with global teams to streamline software workflows.

TECHNICAL SKILLS

Programming Languages: Python, SQL, C, HTML/CSS, JavaScript(Basics)

Data Science and Machine Learning: NumPy, Pandas, Matplotlib, Seaborn, Scikit-learn, XGBoost, Random Forest, Exploratory Data Analysis (EDA), Statistical Analysis

Developer Tools: Git & Git-Hub, VS Code, My SQL, Postgres SQL, Jupyter Notebook, Google Colab, PyCharm

Cloud & Deployment: Vercel, Render, AWS(Sagemaker), Docker, Streamlit CCloud, Hugging Face Space

AI & Visualization Tools: Power-BI, Looker, Excel(Pivot & DAX), Generative AI (Gemini/Claude)

Frameworks & Web:: FastAPI, Flask, Streamlit

EDUCATION

Bachelor of Technology in Computer Science,
Deenbandhu Choturam University of Science and Technology
7.45 CGPA

06/2027 | Murthal, Sonipat

Relevant Coursework: Data Structures & Algorithms (DSA), Database Management Systems (DBMS), Operating Systems, Statistics & Probability, Object-Oriented Programming (OOPs).

PROJECTS

1) ZenithMind AI - Predictive Behavioral Modeling, Mental Health Burnout Predictor

- Engineered an end-to-end **Student Burnout Prediction System** on a **1M+ row dataset**, performing EDA on 20+ academic and lifestyle features to identify stress drivers such as CGPA, Sleep, Exam Pressure, Anxiety, Screen time etc.
- Built and optimized **Random Forest and XGBoost models**, conducting feature importance analysis to uncover key burnout predictors and achieving **71% classification accuracy**.
- Developed and deployed an **interactive Streamlit web application** enabling real-time burnout risk prediction, graph, meter based on academic and behavioral inputs and advise for wellness.

2) Route-Wise - Uber-Trip-Analytics, Trip Distance Forecaster

- **Predictive Engine:** Developed an **XGBoost-based** system to forecast Uber trip distances with **82.1% accuracy**.
- **Data Optimization:** Handled outliers using **IQR capping** and processed 500+ missing values to ensure high data quality.
- **Feature Engineering:** Engineered **temporal features** (Time-slots, Days, Months) and applied One-Hot Encoding to 100+ categorical dimensions.
- **Live Deployment:** Successfully deployed the model as a **real-time interactive web app** using **Streamlit Cloud**.

3) Digital-Payment-Analytics-Dashboard & Customer-Spending-Behaviour,

Power BI, SQL, Excel, Power Query Editor

- Built **2 interactive Power BI dashboards** analyzing **650K+ credit card transactions generating 55M+ revenue and 45M+ transaction volume**, uncovering customer spending behaviour across multiple segments.
- Implemented **dynamic KPIs, slicers, and drill-down filters (Week, Quarter, Gender, Income Group)** enabling real-time exploration of customer and transaction trends.
- Performed **customer segmentation and spending analysis** across profession, education level, and card category, identifying **Top 5 revenue-generating categories (Bills, Entertainment, Fuel, Grocery, Food)**.
- Developed **custom DAX measures** such as *Revenue per Customer, Category Performance, and Quarterly Revenue Trends*, and published the complete project on **GitHub with documentation and dashboard visuals**.

CERTIFICATIONS

NPTEL- Python for Data Science | IIT Madras

Key Skills: Data Visualization, Python, Data Lifecycle Management

Data Science & Analytics Professional - Code With Harry

Key Skills: End-to-end ML pipeline, SQL, and Model Deployment.

McKinsey Forward Program 2026 | McKinsey & Company

Key Skills: Business Decision-making, Leadership, and Problem Solving.

Data Analytics Job Simulation | Deloitte (Forage)

Key Skills: Data Modeling, Strategic Insights, Professional Communication.

ACHIEVEMENTS AND EXTRACURRICULAR

Solved 100+ Problems on LeetCode, Strong hold on Data Structures and Algorithms.

Hackathon & Technical Contests; Actively collaborated in multi-disciplinary teams during [Technova'26/PIET] to build scalable data solutions under tight 24/48-hour deadlines.

Core Team Member, Institute Innovation Council (IIC), DCRUST, Organizing technical events and fostering a startup culture on campus.

Served as School Cultural Captain, leading a team of 50+ students to organize large-scale events and inter-school competitions.

Volunteer, NSS DCRUST, Actively participated in social service and community development programs.