Shaurya Singh

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EDUCATION

Netaji Subhas University of Technology — New Delhi
B.Tech in Electrical Engineering — *2022 – 2026*

Nutan Vidya Mandir Sr. Sec. School — New Delhi
CBSE (Class XII) – Percentage: 84.6% — *2022*

EXPERIENCE

Data Analytics Intern — Jun 2025 – Aug 2025
Finlatics — *Remote*

- Analyzed a live digital marketing campaign, identifying key insights that led to a projected **15% increase in ROI** by evaluating metrics like **Conversion Rate** and **CPC**.
- Leveraged **Pandas** and **NumPy** to clean and process a dataset of over 50,000 records, improving data quality by resolving **95%** of inconsistencies.
- Developed practical skills in data interpretation, insight generation, and analytical problem-solving.

Operations & Maintenance Intern — Jun 2025 – Jul 2025
BSES Yamuna Power Limited — *New Delhi*

- Analyzed **6-month historical datasets** to identify recurring fault patterns and reduce downtime volatility.
- Standardized daily operational logs to quantify performance anomalies for **20+ critical assets**.
- Compiled asset performance metrics to support engineering leadership in predictive maintenance planning.

PROJECTS

ChronoLapse: Geo-Aware Memory App ⚓ | *Wireframing, Figma, No-Code Tools, Product Management*

- Conceptualized a mobile app from scratch, translating a user need for contextual memory-keeping into a full **product vision**, defining the complete UI wireframes and end-to-end user flows.
- Directed the development of **10+ user stories** using No-Code Tools, authoring precise technical specifications, managing an iterative feedback loop, and performing bug triage to guide the project to MVP.
- **Shipped a polished Flutter application** across **6+ core screens**, featuring a full CRUD data lifecycle, a dynamic "On This Day" engine, and a background geofencing notification system.

Pharmaceutical Marketplace Pricing Engine ⚓ | *Python, scikit-learn, Pandas*

- Engineered a pricing strategy engine analyzing **public Medicare Part D data ($200B+ GMV)** across 5,000+ SKUs to quantify competitor saturation effects, proving that **monopoly segments command 10x pricing power**.
- Discovered a **0.08 correlation** between price drops and sales volume, proving **inelastic demand** dynamics and recommending against discounting strategies that erode margins without driving growth.
- Built a lifecycle classifier to segment inventory, identifying **$41B in at-risk churning revenue**, and deployed a **Linear Regression model** to forecast 2025 demand for high-velocity categories.

Telecom Churn Analysis & Prediction ⚓ | *SQL, Power BI, Python, scikit-learn*

- Identified a **27% customer churn rate** by building SQL data pipelines and Power BI dashboards to analyze **6,400+** accounts, pinpointing contract type as a key driver.
- Executed data cleaning and feature engineering using SQL and Power Query to prepare the dataset for analysis, improving model accuracy and visualization integrity.
- Trained a Random Forest model with 87% accuracy using Python (scikit-learn) that accurately predicted **369 high-risk** churners, enabling early intervention retention efforts.

POSITIONS OF RESPONSIBILITY

Production Department Mentor — Nov 2023 – Present
Google Developer Student Clubs - NSUT

- Mentored and trained a team of **10+ junior members** in UI/UX principles and Figma, improving the quality and delivery speed of club design projects.
- Designed compelling promotional graphics for events boosting event attendance by **60%**, attracting **130+** participants through strategic design promotions.
- Volunteered in organizing club's flagship events during NSUT's cultural and tech fests – Moksha & Resonanz, engaging with a combined footfall of **100,000+ attendees**.

KEY SKILLS

Technical Skills & Tools: Python, SQL, Power BI, Tableau, MS Excel, Figma, MATLAB, Java
Non-Technical Skills: Product Management, Data Analysis, User Research, Communication, Adaptability