

Saksham Tapadia

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EDUCATION

JECRC University

Jaipur, India

B.Tech in Computer Science and Engineering | **CGPA: 8.96/10**

Sept 2022 - July 2026

Coursework: DSA, DBMS, Machine Learning, Operating Systems, Data Science, Data Analytics

WORK EXPERIENCE

Celebal Technologies

June 2025 – Aug 2025

Data Science Intern

Remote

- Developed a Spam Email Detection model using NLP & ML, achieving **95%+ accuracy** and reducing false positives by **80%**.
- Collaborated in sprint reviews & technical discussions with senior mentors, ensuring alignment with industry-standard ML practices.
- Worked on model evaluation, optimization, and integration into production-ready pipelines.

Ozibook

Feb 2024 – Apr 2024

Data and Analytics Intern

Remote

- Automated data-analysis workflows in Python, reducing reporting time from **60 mins** to **10 mins**.
- Built a Python-based receipt generator, reducing manual effort by **80%** per transaction.
- Coordinated with a cross-functional team of 15+ members, streamlining dashboards & workflows, accelerating delivery by **25%**.

PROJECTS

Credit Lending Risk Analysis | CatBoost, scikit-learn, Streamlit

[GitHub](#)

- Built a CatBoost + scikit-learn pipeline achieving **92.4% accuracy** (AUC-ROC **0.97**) for credit default risk prediction.
- Modeled real-world fintech data using time-based splits, target encoding, and robust scaling for risk classification.

Vivid Frame | PyTorch, YOLOv8, FastAPI, OpenCV

[GitHub](#)

- Developed an AI pipeline with **150ms latency** using PyTorch + YOLOv8, achieving real-time object detection.
- Optimized GPU inference with PyTorch (CUDA), improving processing speed by **40%**.

Email Bot | Python, Flask, Flask-Mail, Pandas

[GitHub](#)

- Email automation tool reducing manual setup time with **99% delivery success**.
- Implemented multi-threading with rate-limiting (50 emails/batch) and 3 parallel workers to prevent SMTP throttling.

SKILLS

Programming Languages: C++, Python, SQL, C, HTML, CSS

Frameworks & Libraries: Pandas, Scikit-learn, TensorFlow, Hugging Face, PyTorch, LangChain

Tools & Platforms: AWS, Git/GitHub, MySQL, Power BI, VS Code, Jupyter, PyCharm, Excel

Soft Skills: Problem-Solving, Time Management, Cross-Functional Collaboration, Communication

AWARDS AND ACHIEVEMENTS

- 2nd Runner-Up in **JU Innov8'24 2.0 Hackathon**.
- Amazon ML Hackathon: Secured **972nd rank** out of 80,000+ participants.
- Earned **SQL 50** badge on LeetCode, **5 Star HackerRank** SQL and Problem Solving.
- Active contributor to AWS Cloud Club, DevCrest, Student Council (2022–23), and multiple open-source programs.

CERTIFICATES

- Samatrix.io:** Data Science, R Programming, Machine Learning, NLP, Deep Learning
- NPTEL:** Business Analytics for Management Decision (**82%**), Soft Skills (**80%**)