

Sameen Shaik

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🌐 [Sameen-Shaik](#) | 🌐 [MyPortfolio](#)

Profile Summary

Computer Science student pursuing a dual degree program (3 years in Andhra Pradesh, India + 1 year in Sweden) with strong focus on Data Science and Full-Stack Development. Motivated, analytical, and detail-oriented, with hands-on experience in Python, SQL, Django, Tableau, Power BI, and other data tools. Interested in building technology-driven solutions that solve real-world problems.

Education

B.Tech in Computer Science (Dual Degree Program)

Jawaharlal Nehru Technological University, Andhra Pradesh, India

2022 – 2025

Blekinge Institute of Technology, Sweden

2025 – 2026

Technical Skills

Programming: Python, C, Java, SQL

Data Science Tools: Tableau, Power BI, Pandas, NumPy, Matplotlib, Seaborn, PyTorch (Regression, Classification, CNN)

Web Development: Streamlit, Taipy, Flask, Django

Other Skills: Analytical Thinking, Problem-Solving, Project Management

Projects

Personal Expense Tracker [Demo](#) [Source](#)

Streamlit, Plotly

Developed an intuitive expense tracking application that visualizes daily spending patterns through interactive dashboards

Simplified expense management for users by providing real-time financial insights and budget recommendations

Attendance Management System [Source](#)

Django, PostgreSQL

Developed an authenticated role-based attendance system supporting session workflows for marking, aggregating, and managing attendance data.

Implemented real-time analytics and dashboards enabling faculty to track compliance and students to monitor percentage trends and visual reports.

BikeShare Availability Forecasting [Source](#)

Scikit-learn, XGBoost

Developed a spatio-temporal ML pipeline to predict station-level bike availability using engineered temporal and geographic features.

Evaluated multiple models and achieved a 34% improvement over baseline with XGBoost, providing actionable insights for urban bike redistribution and service planning.

PCB Defect Detection using CNN [Source](#)

PyTorch

Built a convolutional neural network to classify PCB images into multiple defect categories, handling limited data through on-the-fly augmentation and stratified sampling.

Implemented a custom PyTorch data pipeline with train/test specific transforms and evaluated model performance using batch-wise accuracy and loss metrics.

Certifications

SQL for Data Science – IBM / edX

[Certificate](#)

Introduction to Cloud Computing – IBM / edX

[Certificate](#)