

Anwisha Singh

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[LinkedIn](#) · [GitHub](#) · [Leetcode](#) · [Salesforce](#) · [Certificates](#)

SUMMARY

Computer Science undergraduate with experience in machine learning, DevOps automation, and Networking. Skilled in developing scalable ML pipelines, time-series forecasting systems, and CI/CD workflows using Python, Jenkins, and modern data tools. Looking for opportunities to apply engineering and analytical skills in real-life environments to help people and solve practical problems.

INTERNSHIPS

LaunchEd Global

Jun 2025 – Aug 2025

Machine Learning Intern

[\[Completion certificate\]](#)

- Performed EDA, preprocessing, and feature engineering on structured datasets.
- Built and evaluated ML models; improved performance via tuning techniques. Documented workflows and results for reproducibility.
- Developed a capstone project focused on salary prediction.
- Winning position in Project Expo.

Reliance Power Limited

May 2026 – July 2026

IT Intern, Shahjahanpur, UP

- Received training on Networking and Linux Operating System.
- Working on company networks and security.

PROJECTS

Jenkins Job Template Engine [\[GitHub\]](#) | *Python, Jinja2, REST APIs*

- Built template-based CI automation using Python and Jinja2.
- Automated job creation via Jenkins REST API.
- Designed YAML-driven reusable pipeline system and developed multi-stage parameterized CI workflows.

Data Drift Prediction in ML Systems [\[GitHub\]](#) | *Python, Scikit-learn*

- Designed a proactive system to predict data drift and model accuracy degrade based on input distribution only.
- Used the CICIDS 2017 dataset for realistic distribution shift simulation.
- Implemented a modular pipeline architecture for seamless integration.

Carbon Emission & Energy Forecasting [\[GitHub\]](#) | *TensorFlow, LSTM*

- Developed a time-series forecasting pipeline for data center energy prediction.
- Implemented Bidirectional LSTM-based DRNN for temporal dependency learning.
- Applied Ninja Optimization Algorithm (NiOA) for hyperparameter tuning.
- Designed multi-horizon forecasting: $\Delta E_k(t) = E(t+k) - E(t)$ while ensuring strict time-series integrity.

EDUCATION

Manipal University Jaipur

July 2027

B.Tech in Computer Science and Engineering (CSE) | CGPA: 9.07

Dean's List (Sem 1, 2, 5, 6)

Mary Gardiner's Convent School

Class XII | 90%

Fertilizer Public School

Class X | 97.4%

TECHNICAL SKILLS

Languages: Python, C, SQL, C++

ML & Data: Scikit-learn, TensorFlow, Pandas, NumPy, Neural Networks, Regression, Classification

DevOps: Jenkins, Docker, Git, YAML, REST APIs, Jinja2

Concepts: ML Pipelines, CI/CD, Time-Series Modelling, Model Evaluation

Core CS: DSA, OOPS, DBMS, Networking, Linux OS

CERTIFICATES

- **Cloud & SysAdmin:** Coursera: AWS Storage | Red Hat System Administration II (RH134)
- **Containerization:** Coursera: Introduction to Containers w/ Docker, Kubernetes & OpenShift
- **Database & Algorithms:** Oracle Academy: Database Foundations, Design, SQL Programming | NPTEL: DAA
- **CCNA Networking, Python Essentials, Data Analytics**