

SKILLS

Languages: Python, JavaScript, SQL, C++

ML & Data Science: Scikit-learn, Pandas, NumPy, Matplotlib, Exploratory Data Analysis (EDA), Feature Engineering, Predictive Modeling, Supervised Learning, Model Evaluation, Natural Language Processing (NLP), Deep Learning

Backend & APIs: Flask, Express.js, Representational State Transfer (REST) APIs, Docker

Frontend: React.js, Vite, HTML/CSS

Cloud & Databases: Google Cloud (BigQuery, Cloud Run), Render, Vercel, Oracle Cloud Infrastructure (OCI), Databricks, MongoDB, MySQL, SQLite

Tools & Practices: Git, GitHub, Jupyter Notebook, VS Code, Firebase Auth

EDUCATION

Lords Institute of Engineering & Technology, Hyderabad — Osmania University

B.E. — Artificial Intelligence & Machine Learning — 8.08 CGPA

Nov 2022 – Aug 2026

Hyderabad, Telangana

WORK EXPERIENCE

Machine Learning Intern — The SmartBridge (Certified)

Remote

Nov 2025 – Jan 2026

Gachibowli, Hyderabad

- Engineered end-to-end machine learning pipelines on real-world tabular datasets, covering ingestion, cleaning, and transformation using **Python**, Pandas, and NumPy.
- Applied feature engineering and supervised learning techniques across classification and regression tasks using **Scikit-learn**, evaluating models on accuracy, precision, recall, and F1-score.
- Performed EDA and iterative model evaluation cycles to compare pipeline variants before finalizing each supervised learning workflow.
- Documented pipeline architecture and evaluation outcomes, standardizing handoffs between data preparation and modeling stages in a remote engineering workflow.

Machine Learning Intern — SaiKet Systems

Remote

Dec 2025 – Jan 2026

- Selected for a Machine Learning internship program centered on an end-to-end **customer churn analysis and prediction** project for a telecommunications dataset.
- Scoped to cover data preprocessing and missing-value handling, categorical encoding, an 80/20 train-test split, and feature selection for churn-driving attributes such as contract type, tenure, and monthly charges.
- Program scope includes binary classification model selection (logistic regression, decision trees, random forests, or gradient boosting) with training and evaluation using **Scikit-learn** against accuracy, precision, recall, F1-score, and ROC-AUC.

PROJECTS

internAI — AI Resume Analysis & Internship Matching Platform

React, Vite, Express.js, Flask, Gemini AI, Pandas, Docker, Render

Jul 2026

GitHub

- Built a full-stack platform matching resumes to internships at the Gen AI Academy APAC hackathon, integrating **Google Gemini AI** for parsing and Applicant Tracking System (ATS) scoring.
- Benchmarked a Graphics Processing Unit (GPU)-accelerated pipeline using NVIDIA cuDF against standard Pandas across **100,000** records, cutting execution time from 4.35s to 0.24s — an **18.5x** speedup.
- Designed **5** REST API endpoints in Flask integrating BigQuery for persistence, containerized with Docker, and deployed to Render for live access.

NYC Airbnb Price Predictor

Python, Scikit-learn, Pandas, Flask, React/Vite, Docker, Render, Vercel

Jul 2026 – Aug 2026

GitHub

- Trained and compared four regression algorithms — Linear Regression, Random Forest, HistGradientBoosting, and **Extra Trees Regressor** — on **47,840** NYC Airbnb listings to predict nightly price.
- Selected Extra Trees Regressor as the final model (R^2 0.51, MAE \$38.55) after rescoping raw data from \$10–\$10,000 to a reliable \$10–\$500 range.
- Deployed a Flask REST API replicating training-time feature transformations, containerized via **Docker** on Render, with a React/Vite frontend shipped to Vercel.

CERTIFICATIONS

Certifications: Oracle Cloud Infrastructure (OCI) Foundations Associate, DataCamp Data Analyst Associate, IBM Artificial Intelligence Fundamentals, Databricks Accredited Generative AI Fundamentals

ACHIEVEMENTS

- Selected to represent **Lords Institute of Engineering & Technology** as part of Team Lords at the **Hack The League Hackathon 2024**, Jaipur.
- Completed the **Google Cloud Gen AI Academy APAC 2026 — Cohort 2** (powered by Hack2skill), applying Generative AI and Google Cloud technologies to real-world challenges.
- Built **HR Cost Intelligence**, a control room for meeting-spend analytics, at a React Hyderabad x Masters' Union Buildathon.