

# RAJVEER BISHNOI

Bengaluru, India • +91 7073830042 • irajveer.bishnoi2310@gmail.com  
github.com/RAJVEER42 • linkedin.com/in/rajveerbishnoi

## EDUCATION

**Scaler School of Technology** Bengaluru, India • 2024 – 2028

B.Sc. in Computer Science & Engineering • CGPA: 7.85/10

- **Top 7.5% in Classical Machine Learning (A\* Grade)** among entire batch
- **Sports-Committee President** — Leading college sports initiatives

**Delhi Public School Jodhpur** Jodhpur, India

High School Diploma • Cultural Captain

- **U-17 & U-19 Basketball State Player • District Gold Medalist**

## TECHNICAL SKILLS

<b>ML &amp; AI</b>	scikit-learn, XGBoost, CatBoost, LightGBM, SHAP, RFE, Model Evaluation
<b>Deep Learning</b>	LSTM, Autoencoders, PyTorch (basics)
<b>Languages</b>	Python (Advanced), JavaScript, TypeScript, Java, SQL
<b>Backend</b>	Express.js, Node.js, REST APIs, JWT Authentication
<b>Data &amp; Tools</b>	pandas, NumPy, Matplotlib, Git, Docker, Jupyter

## MACHINE LEARNING PROJECTS

**Student Attendance Prediction System** Python, scikit-learn, XGBoost, LightGBM

github.com/RAJVEER42/Proxy--

★ **Certificate of Excellence — College Recognition**

- Built predictive ML system achieving **84% R<sup>2</sup> accuracy** for attendance forecasting
- Engineered trend-based features: previous attendance, day-of-week patterns, temporal indicators
- Applied **RFE** for feature selection; benchmarked 7 algorithms with R<sup>2</sup>, MAE, MSE metrics
- **Key Insight:** Linear models outperformed boosting due to linear feature relationships

**Student Performance Prediction** Python, scikit-learn, XGBoost, CatBoost

github.com/RAJVEER42/ML\_PROJECT

- Built **production-ready ML pipeline** with modular data ingestion, transformation, training
- Evaluated 8+ algorithms; created custom exception handling and real-time prediction pipeline

**Network Security ML — Intrusion Detection** Python, LSTM, Autoencoders, SHAP

github.com/RAJVEER42/Network\_Security\_ML

- Developed pipelines for intrusion detection on NSL-KDD, CIC-IDS2017 datasets
- Addressed **class imbalance** (SMOTE, focal loss); applied **SHAP** for explainability
- Optimized for production: **<10ms inference latency**, streaming data handling

## BACKEND PROJECT

**URL Shortener Service** Express.js, Node.js, JWT, REST API

github.com/RAJVEER42/URL\_shortner

- Built RESTful API with JWT authentication and modular routing architecture

## LEADERSHIP EXPERIENCE

---

**Sports-Committee President** *Scaler School of Technology • 2024 – Present*

- Organizing inter-college tournaments and managing events for 500+ students

**School Captain** *New Era High School • 2016 – 2020*

- Led Student Council, Annual Fest, Event & Cultural Committee; U-14 Basketball Captain

## AWARDS & ACHIEVEMENTS

---

- **Certificate of Excellence** — Student Attendance Prediction Project
- **Top 7.5%** — Classical Machine Learning at Scaler School of Technology
- **Gold Medal** — U-17 & U-19 District Basketball Tournament (State Player)

## RELEVANT COURSEWORK

---

Machine Learning • Data Structures & Algorithms • OOP • Database Systems • Statistics & Probability

**Why SmartScore:** Built ML systems for **education domain** (Student Performance & Attendance Prediction). Experienced in model evaluation, failure case analysis, and explainability (SHAP). Strong leadership from managing teams as School Captain and Sports-Committee President.