

Rajeeva Lochana

Computer Science Undergraduate

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Education

VIT Bhopal University, Bhopal, Madhya Pradesh

B.Tech in Computer Science and Engineering (Specialization in AI & ML)

CGPA: 7.64/10 | **Expected Graduation:** May 2026

Delhi Public School, Bangalore North

Higher Secondary: 89% | *Graduated:* April 2021

Secondary: 89% | *Graduated:* April 2019

Technical Skills

Languages: Java, Python, SQL

Libraries & Frameworks: scikit-learn, TensorFlow, Keras, Flask, FastAPI, Streamlit

Web Technologies: HTML, CSS, JavaScript, Node.js, React.js, RESTful APIs

Databases: MySQL, MongoDB, Firebase

Tools & Platforms: Git, GitHub, Hadoop, Apache Flume, Postman

Development Environments: Visual Studio, JetBrains (IntelliJ, PyCharm)

Other Skills: Time-Series Analysis, Version Control, Agile Basics

Projects

Gold Price Prediction

- Built a time-series forecasting model using ARIMA to predict future gold prices from historical datasets.
- Performed statistical tests and model diagnostics (ADF, ACF & PACF plots) to determine ideal parameters.
- Evaluated performance with residual analysis and error metrics, achieving higher prediction accuracy compared to baseline models.
- Displayed potential application for financial decision-making and investment strategy support.

Agricultural Support System

- Designed a full-stack web platform providing farmers with crop predictions (Random Forest), weather forecasts (OpenWeather API) and geospatial maps (Leaflet.js).
 - Implemented a multilingual chatbot using Dialogflow + Google Translate API for regional language support.
 - Added marketplace features with CRUD operations, real-time pricing, and compliance checks.
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Certifications

- University of Michigan – Applied Machine Learning in Python
 - IBM – Machine Learning with Python
 - IBM – Full Stack Software Developer
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Strengths & Soft Skills

- Strong problem-solving and analytical skills
 - Familiar with Agile development practices
 - Effective communicator and team collaborator
 - Experienced in version control and API integration
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