

# Lokesh Kumawat

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## OBJECTIVE

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Final-year Computer Engineering student (graduating in 2026) with hands-on experience in AI, Machine Learning, and Data Analytics through academic projects and internship exposure. Skilled in data analysis, predictive modeling, and dashboard development using Python, Power BI, and advanced ML techniques. Seeking to leverage analytical skills, technical expertise, and problem-solving abilities to contribute to data-driven decision-making and business growth as a Data Scientist or Data Analyst.

## TECHNICAL SKILLS

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- **Programming Languages:** Python, C (beginner), SQL.
- **Machine Learning & AI Tools:** Scikit-learn, TensorFlow.
- **Data Tools & Libraries:** Pandas, NumPy, Matplotlib, Seaborn, Statistics.
- **Development Tools:** Git, Jupyter Notebook, Google Colab, Visual Studio Code.
- **Analytics Tools:** Power BI, Tableau, Excel.
- **Core Concepts:** Data Science, Data Analytics & Visualization.

## EXPERIENCE

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- **SmartBridge Internship:** Worked on deep learning models for Eye disease prediction using transfer learning.
- **AICTE Eduskills Internships:** Google AI/ML Internship, AWS Data Engineering.

## PROJECTS

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### 1. AI/ML Projects:

- **Eye Disease Prediction**
  - Built a **deep learning model** using transfer learning (*EfficientNet, ResNet*) for eye disease detection.
  - Applied preprocessing and fine-tuning to improve accuracy and enable scalable **AI-driven healthcare diagnostics**.
- **Wine Quality Prediction**
  - Developed ML models (*Logistic Regression, Random Forest, SVM*) using **Scikit-learn** to predict wine quality.
  - Achieved **86% accuracy** with feature engineering and cross-validation.
- **Review Prediction System**
  - Built ML models using **NLP** and **Scikit-learn** to predict customer sentiment from restaurant reviews stored in a **SQL database**.

### 2. Data Analytics Projects:

- **Hospitality Performance Dashboard:**
  - Created a **Power BI dashboard** to analyze hotel KPIs (occupancy, revenue, satisfaction).
  - Automated data cleaning, enabling **real-time decision-making** for business growth.

## CERTIFICATIONS

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- **SmartInternz:** AI/ML Foundation with ML Models & ANN
- **ISRO:** AI/ML for Geodata Analysis
- **NPTEL:** Data Base Management System (DBMS)

## EDUCATION

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- **B.Tech in Computer Engineering** – D.Y. Patil University, Pune (2022–2026): 8.5 CGPA in 6<sup>th</sup> Sem.
- **12<sup>th</sup> (Science)** – The Harsh Sr. Secondary School, Jaipur Rajasthan (RBSC)
- **10<sup>th</sup>** – Pink City International Sr. Secondary School, Jaipur Rajasthan (RBSC)