

Krishna Gupta

AI/ML Engineer · Python · Flask · Scikit-learn · NLP · Azure AI-900 & AZ-900 Certified

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[\(https://github.com/krishnagupta2107/\)](https://github.com/krishnagupta2107/)

· [LeetCode \(100+ Problems\)](#)

PROFESSIONAL SUMMARY

B.Tech AI & ML undergraduate with 2 production-deployed AI applications — an NLP-powered resume screener using Gemini AI and a clinical ML prediction system. Microsoft Azure AI-900 & AZ-900 certified.

EDUCATION

B.Tech, Computer Science & Engineering (AI & Machine Learning)

Aug 2024 – Present

GLA University, Mathura | **CGPA: 8.38/10**

PROJECTS

AI-Powered Resume & Job Matching System | Python · Flask · SpaCy · Google Gemini AI · Firebase · Bootstrap [Live](#) | [GitHub](#)

- Built a full-stack **AI resume screening platform** using SpaCy NLP & Google Gemini AI to extract skills and rank candidate-job fit; integrated role-based auth, PDF parsing & blind hiring workflows via Flask + Firebase Firestore.
- Designed REST APIs, real-time analytics dashboards, and deployed on **Render (cloud)** with automated testing and CI/CD pipeline.

Diabetes Prediction System | Python · Flask · Scikit-learn · Pandas · NumPy · Matplotlib

[Live](#) | [GitHub](#)

- Trained Logistic Regression, Random Forest & SVM on PIMA Diabetes Dataset; achieved **83% accuracy (Random Forest)** with 80/20 stratified split; addressed class imbalance via precision/recall/F1 evaluation.
- Packaged best model into a Flask REST API with Bootstrap UI and deployed live on Render; applied StandardScaler, zero-imputation, and feature engineering for data quality.

TECHNICAL SKILLS

Languages: Python, Java, JavaScript, C

ML & AI (Proficient): Scikit-learn, SpaCy, NLP, Pandas, NumPy, Matplotlib, Seaborn, Logistic Regression, Random Forest, SVM

ML & AI (Learning): Deep Learning, LLM, TensorFlow, PyTorch

Web Development (Proficient): HTML, CSS, Flask, Bootstrap, REST APIs

Web Development (Exploring): Express.js, React, Node.js

Databases: SQL, SQLite, Firebase Firestore, MySQL

Cloud & Tools (Proficient): Microsoft Azure, Render, Git, GitHub, VS Code, Jupyter Notebook, Postman, GenAI

Cloud & Tools (Exploring): Docker, Computer Vision, VectorDBs, MongoDB

Concepts: OOP, SDLC, Machine Learning Pipeline, Model Evaluation (Precision/Recall/F1/AUC), API Design, CI/CD Pipelines, Agile, Waterfall, Embedding

Communications: Effective verbal and written communication

Leaderships: Former Technical Head, Saturangle Club, GLA University. Led technical initiatives, organized events, and mentored student teams.

CERTIFICATIONS

[Microsoft Azure Fundamentals \(AZ-900\)](#)

[Microsoft Azure AI Fundamentals \(AI-900\)](#)