

ANKIT RAJ

ankit9905163014@gmail.com | 9905163014

[GitHub](#) | [LinkedIn](#) | [HacerRank](#) | [Leetcode](#)

Summary

Third-year B.Tech CSE (AI & ML) student with a strong foundation in machine learning algorithms, data analysis, and Python. Passionate about building and deploying intelligent systems. Proficient in leveraging Python libraries like Pandas, NumPy, and TensorFlow to extract insights and build predictive models. Seeking a challenging internship to apply theoretical knowledge to real-world AI projects

Education

Maharishi Markandeshwar Deemed To Be University
Degree in Bachelor of Engineering in Computer Science(AI&ML)
CGPA: 8.53

Mullana, Ambala
Aug 2024 - Present

Government Polytechnic, Patna - 7
Degree in Diploma in Computer Science and Engineering
CGPA: 8.75

Patna, Bihar
Nov 2021 - May 2024

Technical Skills

- Programming Languages:** Java, Python
- Libraries:** NumPy, Pandas, Matplotlib, Seaborn, Scikit-learn
- Frameworks:** Django, Flask, TensorFlow
- Databases:** MySQL, MongoDB, Firebase
- Tools & Platforms:** Git, VS Code, Jupyter Notebook, Google Colab, Kaggle
- Software Fundamentals:** Data Structures & Algorithms, Object-Oriented Programming (OOP), Design Patterns
- Soft Skills:** Problem Solving, Analytical Thinking, Effective Communication, Team Collaboration, Innovation & Creativity

Projects

AI Health Assistant — AI-Driven Medical Diagnosis Platform

- Developed a full-stack Flask web application for AI-powered symptom analysis, differential diagnosis, and personalized care recommendations.
- Implemented backend logic for symptom parsing, similarity-based diagnosis scoring, and adaptive recommendation generation using medical rule-based algorithms.
- Tech Stack:** Python (Flask), Jinja2, HTML5, CSS3, JavaScript, Bootstrap, ReportLab, NumPy/Pandas (for analysis simulation).

ResumeInsight — AI-Powered Resume Analysis Platform

- Built a full-stack AI resume analysis system using Flask, SQLAlchemy, and Google Gemini 2.5 Flash, providing ATS scoring, skill matching, job-fit analysis, and AI-generated career insights.
- Developed 30+ REST APIs for resume parsing (PDF/DOCX/TXT), report generation (PDF/DOCX/Excel), job tracking, interview prep tools, and salary insights with a responsive Tailwind CSS UI
- Tech Stack:** Python (Flask), SQLAlchemy, SQLite, Google Gemini, PyPDF2, python-docx, Tailwind CSS, Chart.js, ReportLab.

Loan Eligibility Prediction System — ML-Based Financial Assessment

- Built an ML-driven loan eligibility predictor using XGBoost/LightGBM achieving 95.8% accuracy, with 40+ engineered features, preprocessing, and SMOTE-based class balancing.
- Tech Stack:** Python (Flask), Scikit-learn, XGBoost, LightGBM, SHAP, SMOTE, Pandas, NumPy, HTML/CSS/JS, Bootstrap, Docker.

Internship

- Machine Learning Intern** | NIELIT Patna, Bihar | May 2025 - June 2025 (4 Weeks)
- Java Industrial Training** | KVCH Pvt Ltd Noida | Nov 2023 - Dec 2023 (6 Weeks)
- Web Designing Intern** | ICE Technology Lab | Dec 2022 - Jan 2023 (4 Weeks)

Achievements

- Infosys Certified Generative AI Professional
- Oracle Cloud Infrastructure 2025 Certified AI Foundations Associate
- Oracle Cloud Infrastructure 2025 Generative AI Certified Professional
- Certified in "Data Science for Everyone" by Reliance Foundation Skilling Academy.