Himanshu Yadav

8707367027 | himanshuyadav0330@gmail.com | linkedin.com/in/himanshuyadav30 | github.com/Himans30

Summary

Aspiring Python AI/ML Developer with practical experience in **machine learning** and **deep learning** projects. Skilled in building and deploying AI-driven healthcare applications using **Python**, **CNNs**, **Flask**, and **Streamlit**. Experienced in integrating models with web applications, working with databases, and applying AI for medical diagnosis.

Education

G L Bajaj Institute of Technology and Management — Greater Noida
Master of Computer Application — 2023 – 2025
CGPA: 8.06

Babu Banarasi Das University — Lucknow
Bachelor of Computer Application — 2018 – 2021
CGPA: 8.98

Experience

Python Backend Developer Intern – Xecta Edutech Pvt. Ltd. — Varanasi, India
Oct 2021 – Mar 2022

- Worked on backend development using **Python** and **Django** for a Restaurant Bill Management System.
- Implemented APIs for order placement, menu viewing, and bill receipt generation using **PostgreSQL**.
- Focused on backend logic, database design, and integration with frontend teams.
- Demonstrated strong collaboration, punctuality, and willingness to learn during the internship.

TechSaksham — Remote
AI: Transformative Learning - 4-week Internship Program — 2025

- Completed an intensive four-week program focusing on AI and transformative learning.
- Developed an **AI-based medical diagnosis system** for disease prediction using machine learning techniques.
- Implemented **data preprocessing, model training, and evaluation** to enhance prediction accuracy.
- Applied AI concepts and tools in real-world **healthcare scenarios** to improve decision-making.

Technical Skills

- **Programming Languages:** Basic of Java, Python
- **Web Development:** Basic of HTML / CSS, Flask
- **Machine Learning / Deep Learning:** NumPy, Pandas, scikit-learn, TensorFlow, Keras
- **Database Management:** SQL, SQLite
- **Concepts:** Object-Oriented Programming (OOP)

Projects

Heart Disease Prediction System [Link]

- Built an **AI-driven diagnostic tool** integrating **machine learning** to assess heart disease risk accurately.
- Developed a dynamic web-based **Streamlit** frontend ensuring real-time responsiveness and smooth user interaction.
- Designed a secure, scalable backend using **Python** and **SQLite** for structured data storage management.
- Processed and analyzed medical datasets, implementing **logistic regression** for real-time disease prediction analysis.

Eye Disease Prediction System [Link]

- Built an AI-based system to detect **Glaucoma, Cataract, and Retinopathy** using medical image analysis.
- Implemented a deep learning model with **Convolutional Neural Network** for accurate disease classification.
- Developed an interactive **Flask**-based web application using **HTML, CSS** technologies.
- Integrated **SQLite** for structured data storage, ensuring efficient management of patient records and predictions.

Certifications

- **Python Essentials 1** Cisco Networking Academy
- **Machine Learning using Python** simplilearn
- **Basic SQL** HackerRank