

DEEPA YADAV

B.Tech (CSE-DS) Student | Machine Learning & Web Development

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CAREER OBJECTIVE

Motivated B.Tech Computer Science student with a strong academic record (CGPA: 8.8) and hands-on experience in web technologies, and machine learning projects. Skilled in problem-solving, programming, and building practical applications using modern technologies.. Seeking an entry-level opportunity to apply my technical skills.

EDUCATION

G.L. Bajaj Institute of Technology and Management, Greater Noida *B.Tech, CSE-Data Science | 2024 – 2028 | CGPA: 8.8*

Kaushambi Presidency School & College, Kaushambi, U.P *Higher Secondary Education (Class XII) | 2022 – 2023*

TECHNICAL SKILLS

Programming Languages: Java, Python, C, JavaScript, MySQL

Web Development: HTML5, CSS3, JavaScript, Flask, REST APIs, Responsive Web Design

Machine Learning / Data Science: Supervised Learning, Data Preprocessing, NumPy, Pandas, Scikit-learn (in progress)

Tools & Platforms: Git, GitHub, VS Code, Postman

Core Concepts: Data Structures & Algorithms, OOP, Database Management

PROJECTS

CARDIOCARE – AI-Based Heart disease Prediction | React.js, Vite, Python, Flask, Scikit-learn, Pandas, NumPy

- Built a full-stack web application for heart disease risk prediction using the UCI Heart Disease dataset.
- Developed a responsive React interface with real-time input validation and dynamic prediction visualization.
- Implemented a Python backend exposing REST APIs for machine learning inference.
- Trained, evaluated and optimized the prediction pipeline.
- Conducted EDA and data preprocessing to improve prediction quality and model reliability.

AI-RESUME CRITIQUER/ANALYZER | Python, Streamlit, Groq LLM.

- Built an AI-powered web application that analyzes resumes using LLMs and provides personalized feedback.
- Integrated Groq LLM for intelligent resume evaluation and recommendation generation.
- Developed an interactive Streamlit interface for resume upload and instant analysis.
- Automated resume assessment by identifying strengths, weaknesses, and improvement opportunities.
- Deployed the application on Streamlit Cloud for real-time access.

WANDERSTAY-Full-Stack Accommodation Listing Platform | Node.js, Express.js, MongoDB, Mongoose, EJS, js

- Built a full-stack property listing platform with CRUD functionality for managing accommodation listings.
- Implemented core backend functionality and RESTful APIs using Node.js and Express.js, with MongoDB and Mongoose for efficient data management.
- Implemented server-side validation, middleware, and error handling for a reliable user experience.
- Designed dynamic and responsive web interfaces using EJS, HTML, CSS, and JavaScript.

CERTIFICATIONS

- Python Programming —udemy , Responsive Web Design — coursera

CODING PROFILES

- LeetCode: leetcode.com/u/Deepa_Yadav_25 — actively solving DSA problems to strengthen problem-solving skills.