DEVBRAT SINGH

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Career Objective

A Computer Science undergraduate with practical experience in full-stack web development and a solid foundation in data structure and algorithms, operating systems, and databases. Passionate about building scalable software solutions.

Education

Greater Noida Institute of Technology	**2022 − 2026**
B.Tech in Artificial Intelligence and Machine Learning - SGPA: 8.30	
HS Academy, Tisaura, Cholapur, Varanasi	**2020 − 2021**
Intermediate - CBSE	
HS Academy, Tisaura, Cholapur, Varanasi	**2018− 2019**
High School - CBSE	

Technical Skills

Languages: JAVA, C, PYTHON
Web Technologies: HTML, CSS, JAVA SCRIPTS, REACT
Frameworks: React.js, Node.js
Data Science Libraries: NumPy, Pandas, Flask, Matplotlib
Tools & Platforms: Jupyter Notebook, Google Colab, Git, GitHub, VS Code, IntelliJ IDEA
Database: MySQL, MongoDB
Courses: Data Structure and Algorithms, Operating Systems, DBMS, SQL

Projects

MindLift–AI Based Chatbot | *HTML, CSS, Python, NLP, Pandas, Flask, TensorFlow, Machine Learning, Git*   **Dec–2024**
- Developed an AI-powered chatbot using NLP techniques to assist users with basic mental health support and stress management.
- Built a user-friendly website using HTML, CSS, and JavaScript that offers private, 24/7 support and a safe space for users to express themselves.
- Implemented Digital Mental Health Intervention (DMHI) functionalities, including psychoeducation and guided CBT exercises, to provide personalized coping strategies and promote self-care.

Vijethuaa Dham–Temple Information System | *HTML, CSS, JavaScripts Git*   **Feb − 2025**
- Developed a responsive website to showcase temple history, daily rituals, and event updates.
- Implemented animated sliders, event galleries, and donation options (QR code, account details, cheque).
- Designed a user-friendly UI/UX layout for better visitor engagement and accessibility across devices.
- Integrated Google Maps and feedback forms for improved community interaction.

Monitoring Stray Animals | *Python, Machine Learning, OpenCV, YOLO*   **May − 2023**
- Developed a real-time stray animal monitoring system using Python and Machine Learning, with a focus on computer vision.
- Implemented the YOLO object detection model with OpenCV to accurately identify and track various animal species.
- Engineered a solution to analyze live video streams, demonstrating expertise in both data processing and deep learning applications.

SCHOLASTIC ACHIEVEMENTS

- **Academic Excellence Award** – Received consecutive anuual **"Academic Achievement"** award from GNIOT for outstanding academic performance.
- **Qualified HackerRank and LeetCode Certification Tests** – Successfully passed programming assessments and earned certificates in problem-solving and data structures.
- **Top 15 out of 800+ Participants** – Ranked among the **top 2% in "Coding Combat"** competition organized by GNIOT.
- **Cricket Tournament Winner** – Played as a lead batsman and helped secure the championship title in GNIOT's inter-college cricket league.

Coursework & Certifications

- **HackerRank:** Java (Intermediate), Problem Solving (Intermediate), Python, SQL (Intermediate), HTML, CSS
- **GNIOT:** Academic Excellence Award, Soft Skills Training, Group Discussion (GD), Debate Participation
- **Eklavya Tech Fest:** Secured **3rd Position** in DBMS Challenge
- **GeeksForGeeks:** Completed the **180 Days Coding Challenge**.
- **IIT Kanpur:** Student development program in **C/C++ by** IIT Kanpur.