NEHA CHAUDHARY

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OBJECTIVE:

Aspiring Software Engineer with over a year of professional experience in AI/ML, Web Design, and Graphic Design, seeking to pursue an MS in Computer Science with a focus on Artificial Intelligence and Machine Learning to later work as an AI Engineer, contributing to innovative solutions in the field.

EDUCATION:

Bachelor of Technology in Computer Science and Engineering   CGPA-8.3   Nov 2021- June 2025
Minor in Artificial Intelligence
Faculty Of Engineering & Technology (FoET), University of Lucknow

RELEVANT COURSES:

Natural Language Processing, Digital Image Processing, Cryptography, Concept of Computer Vision, Essentials of Machine Learning, Fundamentals of Data Analytics, Introduction to Artificial Intelligence.

TECHNICAL SKILLS:

Programming languages: Java, Python, C
Technologies: Git, Github
Web Development: HTML, CSS, Javascript, React, Node.js
AI / ML: Pytorch, Tensorflow, Numpy, Pandas

EXPERIENCE:.

EquiCareConnect -USA   **July 2024 - Ongoing**
App Developer / Research Intern
• Telemedicine App (CareBridge) - Responsible for creation of this app which includes user registration for patients and doctors, appointment scheduling, secure video consultations, electronic medical records, prescription management, payment integration.

Headstarter AI Software Engineering Fellow - USA   **July 2024 - Ongoing**
• Participate in hands-on projects, receive mentorship from industry experts, and engage in collaborative learning experiences.

Karma Build Design Solutions - Mumbai,India   **June 2024 - August 2024**
Software Engineering Intern
• Rebuilt the company website, identifying key areas for enhancement.
Recommended and implemented several improvements to optimize functionality and user experience, resulting in increased engagement and usability

DNA Entertainment Network, Lucknow, India   **March 2024 - May 2024**
Special Events Intern
• Managed operations for the Lucknow Super Giants (LSG) team during IPL matches.
Gained invaluable behind-the-scenes insights into the meticulous planning and coordination required for seamless event execution.

Brain Bytes - Lucknow India   **May 2023 - July 2023**
App Developer / Research Intern
• Enhanced search engine rankings, leading to increased organic traffic and visibility for the company's applications and conducted research to inform development strategies and improve user engagement.

Verzeo Campus Ambassador - Lucknow, India   **July 2022 - Sept 2022**
• Promoted Verzeo's programs and initiatives within my university, successfully increasing student participation and organized events and distributed promotional materials, serving as a key liaison between Verzeo and the student body.

INDEPENDENT PROJECTS:

Image Classification (Github)   **Apr 2024 - Jun 2024**
Developed a model to categorize images into different classes, such as distinguishing between cats and dogs.

Sentiment Analysis (Github)   **Feb 2024 - Apr 2024**
Created a model to evaluate the sentiment in text data, such as determining the tone of movie reviews.

Recommendation System (Github)   **Nov 2023 - Jan 2024**
Created a music recommendation system to suggest songs based on user preferences and listening behavior.

Chatbot (Github)   **Sep 2023 - Nov 2023**
Build a conversational AI chatbot that can answer questions or assist users with tasks.

Weather Forcasting (Github)   **Jul 2023 - Sep 2023**
Created models to predict weather patterns by analyzing historical climate data and identifying trends..

Natural Language Generation (Github)   **Apr 2023 - Jun 2023**
Created a model that can generate human-like text based on prompts or inputs.

Flappy Bird AI (Github)   **Aug 2023 - Oct 2023**
Trained AI to master Flappy Bird through the application of Reinforcement Learning Technique.
Hand Gesture (Github)   **June 2023 - Aug 2023**
This endeavor has the capability to discern various hand gestures with precision and finesse.

TECHNICAL CERTIFICATION/ PAPERS/PUBLICATIONS:

Carnegie Mellon University, Pittsburgh, USA (Remote)   **July 2024 - Ongoing**
Research Intern under the supervision of Dr. Min Xu in Xu-Lab
• Indulged in research about Explainable AI (or named XAI, Interpretable AI, Machine Learning Interpretability) .
University of New South Wales, Sydney, Australia (Remote)   **June 2024 - Ongoing**
Research Intern under Dr. Rohitash Chandra (UNSW)
• Indulged in transforming abusive reviews using LLMs.
• Abusive reviews sentiment classification using Gemini and Groq API's.
Coding and Programming Course, Samsung Innovation Campus   **June 2024**
Advanced Software Engineering, Walmart Global Tech   **June 2024**
Data Analytics and Visualization, Accenture   **June 2024**
GenAI, Boston Consulting Group   **June 2024**
Software Engineer, JPMorganChase   **June 2024**

LEADERSHIP ROLES

Training and Placement Cell, University of Lucknow , Lucknow   **August 2023 - August 2023**
Student Coordinator Lead

• I Led a Team of 55+ enthusiastic individuals. Responsible for training and placement of all students across BTech, BCA,MCA, BBA, MBA , BCom & Bsc. • Managed 5 different subteams, namely Communication, Event Management, Web Development, Content Development, and LinkedIn. • Conducted 150+ Placement Drives and 80+ Seminars and Workshops. • Created the Official Placement Brochure of University OF Lucknow for the academic year 2023-2024. • Hosted and Organised Inter and Intra college Events.
● 	Student Coordinator Lead for 1st Year (Jun 2023 - Aug 2023)
Organized orientation programs, managing peer support activities, and facilitating communication between students and faculty.
● 	Content Team Lead (Feb 2023 - Aug 2023)
Wrote content for creating and managing engaging content for Twitter, Press releases, and LinkedIn, driving brand visibility and audience engagement.
● 	Communication Team Lead (Mar 2022 - Aug 2023)
I acted as a liaison between company HR and faculty to effectively create and manage placement drives.
UPDESCO's Student Training Program by Infosys SpringBoard - Lucknow, India   **Jan 2023 - Jan 2023**
Infosys SpringBoard Trainee
• Underwent comprehensive technical and soft skills training in preparation for the G20 Summit.
•The student delegation of Lucknow University was considered the best delegation by the Government.
G20 India - Lucknow, India   **Dec 2022 - Feb 2023**
State Representative
• I was selected from a pool of 10,000+ students and was fully funded by Uttar Pradesh State Government for the G20 DEWG Summit, Lucknow as part of a delegation that represented India to the World Leaders.
Samsung Innovation Campus - Lucknow, India   **Sept 2023 - Feb 2024**
Course Coordinator
•Coordinator of the Python and Programming course conducted by Samsung Innovation Campus Program.
E-Cell, University of Lucknow - Lucknow, India   **Aug 2022 - Feb 2023**
Head of Corporate Relations
• Led 100+ person team in hosting conferences for 1000+ students. •Managed 4 different subteams, namely Event Management, Marketing, Content Development, and Growth.

CO-CURRICULAR AND EXTRACURRICULAR ACTIVITIES

● **Shubh Foundation - Volunteer**   **(Mar 2023 - Ongoing)**

● **National Service Scheme - Volunteer**   **(Mar 2022 - Mar 2023)**

● **Dhruvan Foundation - Volunteer**   **(Jan 2022 - Apr 2022)**

●**Cleared exam of Madhyama Pratham (Harmonium)-LEVEL 4 conducted by Akhil Bharatiya Gandharva Mahavidyalaya Mandal, Mumbai**

● **Cleared Intermediate Grade Drawing Exam - GRADE A conducted by Government of Maharashtra**