Nehal Nagpal

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EDUCATION

Bachelor of Technology in Artificial Intelligence and Data Science CGPA 9.487 (till 6th Semester) Vivekananda Institute of Professional Studies, Delhi (till 5th Semester)	06/25
Senior Secondary Examination 97.6% St. Mark's Sr. Sec. Public School, Meera Bagh, New Delhi (CBSE)	03/21
Secondary Examination 95.2% St. Mark's Sr. Sec. Public School, Meera Bagh, New Delhi (CBSE)	03/19

INTERNSHIP/S

Data Engineeer Intern Tech Mahindra Ltd.	07/24-08/24
In-House Training Programme BRAIN MENTORS PVT. LTD MERN Stack-contact management system, e-commerce platforms.	07/23–08/23
Internship Student COINCENT Chatbot using Python. Microsoft certification - fundamentals of Azure.	10/22–12/22
AI Bootcamp METVY, BACKED BY IIM BANGALORE Machine Learning Models and Fundamentals of AI.	09/21–09/21

PROJECTS

Colour Theory Analysis and Recommender System (ongoing)
Developed using Python, HTML, CSS and JS.

EZ-Visualize (ongoing)
Developed using MERN Stack, Python, HTML, CSS (frameworks), Dialogflow etc.

Reverse Parking System
Arduino-based project using Ultrasonic Sensors, OLED display etc.

Nyayasetu-an e-commerce platform for lawyers
Developed using MERN Stack, Python and other frameworks.

Contact Management System and other mini projects & ML models
Developed Contact Management System and other projects like pizza shop, online IDE platform etc.

Speech Emotion Recognition
Developed Deep Learning ANN model to detect emotion through speech.

Chatbot using Meta Research bAbI
Developed a chatbot using a meta-research dataset (bAbI) in Python using TensorFlow and Keras.

SKILLS

Machine Learning, Deep Learning, C and C++ programming, Python, MERN Stack, HTML, CSS & Frameworks, Data Analytics, MATLAB, SQL, Basic Java (OOP), Canva, Microsoft Azure Fundamentals, Computer Vision and Digital Image Processing Fundamentals, Arduino, Data Modelling and PowerBI (ongoing)

CERTIFICATES

- **Brain Mentors Pvt. Ltd. In-House Training (MERN)**
- **LOR by Mr. Shawrya Mehrotra (Metvy)**
- **Fundamentals of Microsoft Azure**
- **Internship Training (Metvy)**
- **Internship Certificate (Coincent)**
- **Image Processing Onramp (MathWorks)**
- **WIEHACK 5.0 (2nd special mention)**
- **Computer Vision Onramp (MathWorks)**
- **PepSheCo_Sales (PepsiCo & Internshala)**

EXTRA CURRICULAR ACTIVITIES

- **Research Paper** in Deep Learning and Medical domain (ongoing).
- Participated in **Hack 4 Change** powered by **H2S** and organised by **The /Nudge Institute and Google.**
- Participated in and **Qualified** for Round 1 of **Myntra WeForShe Hackathon 2024.**
- **5 position** in WIEHACK 5.0 International Hackathon **BVCOE** out of 701 teams.
- Participated in **Vihaan007 hackathon (DTU)** and qualified till Round 2.
- Participated in **SIH-Smart India Hackathon 2023.**
- Successful Selection in **Untitled 1.0 for SIH-Smart India Hackathon 2023.**
- Part of the **Organising team** in Mr and Ms Freshers 2023.
- Became **G20 College Edition-College Ambassador.**
- Successful completion of **GIM-SAS Bitathon Round 1.**
- **BFF Hackathon** by **DTU-AUV** in collaboration with **AssetMantle IGDTUW.**
- Participated in **Amazon ML Challenge.**
- **Tree Plantation Drive** organised with Being Green NGO at M C Primary School, Vikaspuri.
- **Organised SOHA exhibition** on the college campus.
- Became **BSG College Ambassador.**
- **Palna orphanage** visit for food donation
- **Old age home visit** for food donation and drive.
- Became **Design Head** for **Srijan College Society.**
- **School Topper** in 12th standard (PCM) -**97.6%** and in 10th standard-**95.2%**