

Vani Varanya

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EDUCATION

- **Indira Gandhi Delhi Technical University for Women** Delhi, India
Bachelor of Technology - Computer Science and Engineering; CGPA: 8.51 2022 - 2026
- **Notre Dame Academy** Patna, India
Senior High School; CBSE Board; Class XII Percentage: 92.75 % 2019 - 2021
- **Carmel High School** Patna, India
High School; ICSE Board; Class X Percentage: 95.2 % 2008 - 2019




SKILLS SUMMARY

- **Languages:** C++, C, Python, SQL, HTML, CSS, JavaScript
- **Tools and Technologies:** Scikit, Matplotlib, Pandas, Numpy, Unity, Figma, Google Cloud
- **Technical Electives:** DSA, DBMS, OOPS, Operating Systems, Software Engineering, Machine Learning
- **Soft Skills:** Content Writing, Event Management, Team Work




EXPERIENCE

- **Oasis Infobyte** 
Data Science Intern Dec 2023 - Jan 2024
 - Performed EDA and various ML algorithms in all 5 projects- Advertising Sales Prediction, Email Spam Detection, COVID-19 Unemployment Analysis in India, Car Price Prediction and Iris Flower Classification.
- **Centre of Excellence- AI, IGDTUW** 
AI/ML Intern- Python and Machine Learning June 2023 - July 2023
 - **Training:** Learnt about different Python libraries, Exploratory Data Analysis and Machine Learning algorithms like Linear Regression, Logistic Regression, KNN, Naive Bayes, Decision Tree, CNN and Neural Network.
 - **Projects:** Conducted EDA and trained suitable ML models on two projects- one minor (Fetal Health Classification) and another major (Toxic Comment Classification). Also, authored a research paper for it.
- **Timechain Summer of Code 2023** 
Contributor May 2023 - Aug 2023
 - Explored blockchain and bitcoin. In the team of Neucron Swipe Widget, worked in the creation of a comprehensive whitepaper and performed web development for creating Swipe and Pay buttons.






PROJECTS

- **EmoteCare**  : Developed the TensorFlow CNN model and frontend for an innovative online therapy platform. Destigmatized mental health and enhanced support accessibility through real-time emotional insights of the user, using facial expression recognition and processing. Key features of the website include Therapy and Self-Therapy Sessions, Chatbot and categorized Resources. Tech: CV/DL, HTML, CSS, JavaScript, Flask (Feb 2024)
- **BlockRaid**  : Developed the player of a blockchain-based game, blending puzzle-solving and blockchain education. Players navigate a computer setup, locate hidden blocks, match their addresses with boxes, and answer blockchain questions for placement. Additionally, created an engaging introductory video for the game. Tech: Unity, C# (Aug 2023 - Oct 2023)
- **Toxic Comment Classification**  : Classified online social media comments into 6 categories ('toxic', 'severe toxic', 'obscene', 'threat', 'insult', and 'identity hate'), achieving an accuracy of 94.34 %. Also, crafted a research paper for it. Tech: Used a combination of Naive Bayes-Logistic Regression model and Long Short-Term Memory (LSTM) model with GloVe Embeddings (July 2023 - Aug 2023)

POSITIONS OF RESPONSIBILITY & VOLUNTEER EXPERIENCE

- **Google Developer Students Club, IGDTUW** | *Outreach Core*: Selected in the core team of 12. Managing the outreach of all GDSC events and competitions. Hosting events with strength around 500. Assisting in tech team. (Aug 2023 - Present)
- **Innervate (Tech-Fest)** | *CS/IT Head Coordinator*: Made a 3D game 'Roll a Ball' in Unity. In the game team 'BlockRaid', programmed the player, produced an introductory video and managed the official documentation. (Aug 2023 - Oct 2023)
- **Taarangana (Cultural-Fest)** | *Event Management & Public Relations Coordinator*   : EM- Generated imaginative ideas and handled backstage operations for a main event. PR- Oversaw attendee check-ins and crowd management at the main entry gate. Supervised 3 individuals in the 'Campus Ambassador Program'. (Dec 2022 - Apr 2023)
- **Desh Ke Mentor** | *Mentor*  : Guided 8 students from Delhi Government schools, primarily focusing on career exploration, alongside assisting with academics and various non-academic pursuits. (Dec 2022 - July 2023)

ACHIEVEMENTS

- **2nd Runner-up at WEIgnite'24**, the annual inter-college hackathon organised by IEEE IGDTUW.  (Feb 2024)
- **396 coding problems solved (top 3 %)** in Coding Ninjas Recap of the year 2023.  (Dec 2023)
- **Silver League** in Google Cloud Study Jams Program 2023.  (Dec 2023)
- **Top 5 % (Elite + Gold)** in 'Developing Soft Skills and Personality' course by IIT Kanpur, NPTEL.  (Oct 2023)
- **Junior Diploma** in Kathak.  (June 2015)