

Navneet Raj

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Objective

As a Computer Science & Engineering graduate with a minor specialization in AI & ML, I'm driven to innovate and advance technology by leveraging my programming expertise, technical skills, and creative problem-solving to develop cutting-edge software solutions.

Experience

- Deloitte** - June 2025
Virtual Internship Program
Completed Deloitte's **Technology Job Simulation**, gaining hands-on experience in coding and development using **Python** on **Repl.it**. Successfully drafted a software proposal for a client using **LibreOffice**, enhancing my skills in technical **problem-solving**, **document creation**, and **client communication**.
- Deloitte** - June 2025
Data Analyst Intern
I successfully completed a **Data Analytics job simulation**, gaining hands-on experience with tools like **Tableau** and **Microsoft Excel**, and earned a certificate of completion.
- TECHNOGYAN** June 2024 - July 2024
AIML Intern
Developed an **AI-powered chatbot** using **NLP, Java, HTML, CSS, JavaScript, Node.js**, and **Express.js**, enabling command recognition with 90% accuracy across 200+ test inputs. Designed a responsive front-end GUI and lightweight backend, tested by a team of 5 peers, receiving feedback that improved user interaction by 15%. Demonstrated time management and collaboration skills, integrating feedback to refine functionality.
- Growth Ninja** July 2023 - August 2023
Web Development Intern
Built a **full-stack web application** using **MongoDB, Express.js, Node.js** focusing on user navigation and responsiveness. Tested the application with a personal network of 10+ peers, incorporating feedback to enhance front-end design by 10% through iterative updates. Strengthened skills in **React** and **Node.js**, ensuring seamless integration between front-end and backend.

Education

- SBIT, Guru Gobind Singh Indraprastha University, New Delhi** 2021-2025
B.TECH(Computer Science & Engineering with minor specialisation in AI & ML)
8.44 CGPA
- M.J. Junior College Of Arts, Commerce and Science, Badlapur** 2017-2019
I.Sc
66.31%
- D.P.S Jubilee, Motihari** 2017
Matriculation
9.8 CGPA

Skills

- Languages: C, Python, Java, JavaScript & React
- Frameworks: Pandas, NumPy, Matplotlib, Sci-Kit Learn, Pytorch, Node.js & Express.js
- Databases: MongoDB & SQL(Basic Proficiency via SQL Server Management Studio)
- Tools: Git, GitHub Co-pilot, Tableau, PowerBI, Visual Studio Code, Jupyter Notebook, Repl.it, Anaconda & PowerPoint
- Platforms: MERN Stack, LibreOffice, RESTful APIs & OpenAI APIs(GenAI, RAG, LLMs)
- Soft Skills: Critical Thinking, Time Management, Excellent Communication, Software Development, Data Science, Team Collaboration & Problem-Solving

Projects

- **AI-Powered Voice Assistant**

Developed an AI-driven voice assistant integrating **speech recognition**, response generation, and **text-to-speech (TTS)**. The assistant captures user speech input, processes it using an **AI model**, and provides both spoken and textual responses.

Technologies Used:

Python, Hugging Face Transformers, OpenAI API (initial), SpeechRecognition, Pyttsx3, Torch

Impact:

Eliminated reliance on external API quotas by shifting to an offline AI model.

Improved real-time speech synthesis reliability and usability.

Strengthened software robustness through debugging, dependency management, and optimized thread handling.

- **AI Assistant Akshayguna**

Developed an **AI-powered training application** centered on **Natural Language Processing (NLP)**, featuring an interactive chatbot that responds to predefined user commands. The project integrates a responsive front-end, a robust backend, and a **Java-based NLP engine** to process user inputs, demonstrating proficiency in **full-stack development** and **AI-driven solutions**.

Technologies Used:

Front-End: HTML, CSS, JavaScript

Back-End: Node.js, Express.js

NLP Processing: Java

Interface: Graphical User Interface (GUI)

Key Features:

Designed a dynamic and responsive GUI using HTML, CSS, and JavaScript, providing an intuitive platform for users to interact with the AI training system and chatbot. Implemented a **Java-based NLP module** to analyze and process user inputs, enabling command recognition and intelligent response generation for the chatbot. Built a **lightweight backend** with **Node.js** and **Express.js**, utilizing **RESTful APIs** to facilitate seamless communication between the **front-end** and the **NLP engine**. Integrated a chatbot feature that responds to specific user commands in real-time, enhancing user engagement through conversational interactions. Optimized the application for cross-platform compatibility and performance, ensuring a smooth user experience without reliance on a database.

- **Portfolio**

Designed and developed a fully responsive personal portfolio website to showcase academic projects, technical skills, and achievements. The project demonstrates proficiency in **full-stack web development**, combining a dynamic front-end with a robust backend for seamless functionality.

Technologies Used:

Front-End: HTML, CSS, JavaScript

Back-End: Node.js, Express.js

Database: MongoDB

Key Features:

Created an intuitive and visually appealing user interface using **HTML** and **CSS**, enhanced with **JavaScript** for interactive elements. Built a scalable server-side application with **Node.js** and **Express.js**, implementing **RESTful APIs** to handle data requests efficiently. Integrated **MongoDB** for secure and efficient storage and retrieval of dynamic content, such as project details and user inputs. Ensured cross-device compatibility and optimized performance through responsive design principles.

Achievements & Awards

- **HP LIFE Certificate of Completion - Data Science & Analytics** Earned a certificate from HP LIFE by successfully completing the online course Data Science & Analytics. Acquired knowledge of leading data science practices, methodologies, and tools, explored the benefits and challenges of data-driven approaches in business, and developed an understanding of essential skills required for a career in the field.
- **HP LIFE Certificate of Completion - AI for Beginners** Earned a certificate from HP LIFE by successfully completing the online course AI.
- **Secured AIR 131 in DUET 2019 and AIR 43210 in JEE MAINS 2021.**
- **Secured Rank 1 throughout all 8 semesters**, excelling in core Computer Science subjects including DSA, OS, and DBMS, alongside specialized AI & ML coursework such as ML, DL, NLP, and CV.
- **3-star SQL coder on HackerRank** with advanced skills in query writing and DBMS. Proficient in solving complex SQL problems and optimizing database performance.
- **Certificate of Completion:** Successfully completed the PowerBI Workshop by OfficeMaster, June 2025.