

Neelavra Chakraborty

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Portfolio : <https://neelavra-portfolio.netlify.app/>

GitHub : <https://github.com/Neelavra2004>



Professional Summary

Motivated final year student of B.tech with strong knowledge and experience in designing, developing, and implementing software applications. Strong programming skills with hands-on experience in full-stack development. Proficient in Java, JavaScript, and related libraries and frameworks. Passionate about building innovative and efficient solutions to solve real-world problems. Eager to contribute technical expertise and collaborative energy in a dynamic IT environment.

Education Qualification

B. Tech in Information Technology from **Guru Nanak Institute of Technology** under Maulana Abul Kalam Azad University of Technology, West Bengal. (2022-Present) Duration - 4 years Current CGPA - 8.13

Secondary from **RamaKrishna Vivekananda Mission Vidyabhawan** in 2020 with 86% marks and Higher Secondary from Bhatpara Amarkrishna Pathshala in 2022 with 81% marks.

Technical Skills

- Languages: C,Java, Python
- Web Technologies: HTML5,CSS3, JavaScript
- Frameworks & libraries: React.js,Node.js,Next.js,Flask,Tensorflow,Pandas,NumPy
- Databases: MySQL,MongoDB
- Platform and Tools: AWS, Git, Visual Studio Code,IntelliJ IDEA,Docker,GCP

Work Experience

Full Stack Developer Intern | Mindstar Technology Solution Pvt. Ltd.

Location : Kolkata | Aug,25 - Oct,25 | [Certificate](#)

- Developed an AI-powered tax advisory chat system using Python **Flask** for backend services and **Next.js** for the frontend. The platform supports real-time conversational interactions, document uploads, and LLM-driven tax guidance. Implemented end-to-end intelligence by extracting text from user-submitted tax documents, generating embeddings, and applying retrieval-augmented generation for context-aware responses. This project demonstrates full-stack development, AI integration, and scalable system design for domain-specific automated assistance.
- Developed a real-time chat server enabling low-latency, bidirectional communication between executives and users regarding the project given. The system is built using **Flask** for websocket connection backend services, **Next.js** for the frontend chat window of users and executives.

ACADEMIC PROJECTS

Mental Wellness App |

- Building a full-stack web app (React, Node.js, MongoDB) for daily mood tracking.
- Implemented features including log habits, weekly task bars, and habit completion visualization.
- Designed a simple dashboard for users to appoint doctors on their available slots.
- Added a youtube playlist for users to do yoga etc.

E-commerce website |

- Developed a full-stack web application using JavaScript and its libraries.
- Implemented user authentication and CRUD operation for product management features
- Utilized Mongodbd for database management

AI-Powered Chatbot System |

- Designed and developed an intelligent chatbot using Natural Language Processing (NLP) techniques.
 - Designed responsive frontend interfaces for real-time user interaction and seamless UX.
 - Built RESTful backend services using Next.js API routes to process user requests and chatbot responses.
 - Integrated intent classification logic and dynamic response handling for accurate query resolution.
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CERTIFICATION

- Certification Name: Programming for everybody (Getting started with python) | [Certificate](#)
Platform: Coursera
Date: 9 November,2023
 - HTML,CSS & JavaScript - Certification course for Beginners | [Certificate](#)
Platform: Udemy
Date : 12 September,24
 - Training completion certificate in Deep Learning | [Certificate](#)
Date : August - July, 2024
 - Certification Name: Project Management | [Certificate](#)
Platform: NPTEL
Date : February - April , 2025
 - SQL for Beginners: Learn SQL using MySQL and database design | [Certificate](#)
Platform: Udemy
Date : 22 June, 2025
 - Click, Code, Create: Beginner's Guide to Web Development | [Certificate](#)
Issued by: IBM SkillsBuild
Issued on: 16 July, 2025
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ADDITIONAL ACHIEVEMENTS

Completed the Deloitte Technology Job simulation virtual experience. (8th July ,2025) | [Certificate](#)
