

Summary

Motivated and detail-oriented Computer Science student with strong skills in software development and problem-solving. Proficient in Java and Python, with hands-on experience in AI-driven applications, web development, and machine learning. Actively seeking opportunities to apply theoretical concepts in real-world projects and contribute to innovative solutions.

Projects

- Mar 2023 **Housing Price Predictor (Java)**
Built a CLI-based linear regression model from scratch using gradient descent and learning rate decay. Utilized CSV file handling for input and output.
- Mar 2023 **Fit Circuit (Next.js + AI APIs), Hackathon Project**
Integrated Botpress chatbot with Gemini, OpenAI, and Mistral APIs. Handled API integration and conversational logic for personalized fitness and nutrition advice.
- Mar 2021 **Lead Tracker (HTML, CSS, JS)**
Developed a Chrome extension to track and store leads from visited web pages using local storage and JavaScript.

Education

- 2022 – 2026 (Expected) **B.Tech in Computer Science and Engineering**, *Guru Nanak Institute of Technology, Kolkata*
Relevant Coursework: Data Structures, Algorithms, Machine Learning, DBMS
- 2022 **ISC (Class 12) – 93.6%**, *St. Augustine’s Day School, Barrackpore*
- 2020 **ICSE (Class 10) – 89%**, *St. Augustine’s Day School, Barrackpore*

Technical Skills

- Languages Python, Java, SQL, NoSQL
- Frameworks & Tools Django, TensorFlow, Keras, Scikit-learn, Pandas, NumPy, Matplotlib
- Web Development HTML, CSS, JavaScript, Next.js
- Other Git, GitHub, Linux CLI

Leadership & Volunteering

- Techverse 3.0 Team Lead, Media (CSE Dept. Techfest)
- Bit-2-Byte Club AI/ML Lead and Organizer (GNIT Official Coding Club)
- Techverse 2.0 Volunteer
- Zyzzva Fest Marketing Team Member, GNIT Cultural Fest

Certifications

- Machine Learning Specialization DeepLearning.AI (Coursera)
- Django with Python Webel Ltd.

Languages

- English Full Proficiency
- Bengali Full Proficiency
- Hindi Intermediate Proficiency

Hobbies

Swimming, Gymming, Drawing & Painting, Listening to Music, Coding