Sudipta Sen

+91 89025 12180   sensudipta594@gmail.com   linkedin.com/in/sudipta-sen-841aa0253
github.com/SudiptaSen1   portfolio-sudiptasen.onrender.com

Professional Summary

Motivated and detail-oriented Computer Science undergraduate with hands-on experience in AI-driven applications, web development, and machine learning. Proficient in Java, Python, and modern frameworks. Eager to apply software engineering skills in real-world projects and contribute to innovative solutions.

Technical Skills

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

Projects

Housing Price Predictor (Java)   Mar 2023
Built a CLI-based linear regression model from scratch using gradient descent and learning rate decay. Handled CSV I/O.

Fit Circuit (Hackathon Project) (Next.js, Gemini/OpenAI/Mistral APIs)   Mar 2023
Integrated Botpress chatbot with AI APIs for personalized fitness and nutrition advice. Led API logic and conversational flow.

Lead Tracker Chrome Extension (HTML, CSS, JS)   Mar 2021
Developed a browser extension to track and store leads using JavaScript and local storage.

Leadership and Experience

AI/ML Lead, Bit-2-Byte Club (GNIT Coding Club)
Planned and organized workshops and hands-on sessions in machine learning for students.

Team Lead – Media, Techverse 3.0
Led publicity and social media operations for GNIT's CSE department techfest.

Marketing Team Member – Zyzzva Fest
Managed promotional campaigns and student outreach for GNIT's cultural fest.

Education

B.Tech in Computer Science and Engineering   2022 – 2026 (Expected)
Guru Nanak Institute of Technology, Kolkata
Relevant Coursework: Data Structures, Algorithms, Machine Learning, DBMS

ISC (Class 12), St. Augustine's Day School, Barrackpore – 93.6%   2022
ICSE (Class 10), St. Augustine's Day School, Barrackpore – 89%   2020

Certifications

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

Languages

English (Full), Bengali (Full), Hindi (Intermediate)