

SUDIPTA SEN



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SUMMARY

Enthusiastic and driven Computer Science student with a strong foundation in software development and design patterns. Adept at collaborating on projects and passionate about problem-solving and innovation. Proven ability to leverage programming skills in Java and Python to develop user-centric solutions. Eager to apply theoretical knowledge from academic coursework in a practical, real-world setting. Actively seeking opportunities to contribute to software development projects that require a detail-oriented and analytical approach.

PROJECTS

HOUSING PRICE PREDICTOR(JAVA)

March 2023 – Personal Project

Built a CLI-based linear regression model from scratch to predict house prices using gradient descent with learning rate decay and CSV-based input.

FIT CIRCUIT(NEXT JS)

March 2023-Hackathon Project

Contributed to developing an AI chatbot using **Botpress** integrated the app with **Gemini, Openai and Mistral APIs** for intelligent, real-time fitness and nutrition support. Handled API integration and managed conversational flows to deliver personalized workout and diet advice. Enhanced user experience with seamless AI-driven interactions.

LEAD TRACKER(HTML, CSS, JS)

March 2021-Personal Project

A Personal leads tracking extension to help you track your visited web pages.

EDUCATION

Guru Nanak Institute of Technology , Sodepur,

Sept 2022 – June 2026

Pursuing my Bachelor in Engineering in Computer Science and Engineering (CSE)

St. Augustine's Day School, Barrackpore,

Apr 2006 – Sept 2022

Education

- Higher Secondary (Class 12), ISC – 2022(93.6%)
- Secondary (Class 10), ICSE – 2020(89%)

ADDITIONAL INFORMATION

TECHNICAL SKILLS: Python, Java, Django, Tensorflow, Keras Pandas, Numpy, Scikit Learn, Matplotlib(Data Visualization), SQL, NoSQL, HTML, CSS.

LEADERSHIP SKILLS: Team Lead at Media in Techverse 3.0(Techfest CSE Dept.), Lead Organizer at Bit-2-Byte(GNIT Official Coding Club), AI/ML Lead at Bit-2-Byte(GNIT official Coding Club).

VOLUNTEERISM: Participated as a volunteer in Techverse 2.0(Techfest CSE Dept.) , Marketing team member in GNIT Marketing team for GNIT Cultural Fest(Zyzzva).

LANGUAGES:-English(Full Proficiency),Bengali(Full Proficiency),Hindi(intermediate Proficiency).

HOBBIES:- Swimming, Gyming, Drawing/Painting, Listening to Music, Coding.

CERTIFICATES:- Certificate in (Machine Learning Specialization) DeepLearning.AI, Certificate in Django with python from Webel Ltd.