

ANKAN MANNA

Software Developer

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Profile Summary

Hardworking and dedicated Software developer with a passion for launching innovative projects. Collaborative team player skilled at translating business requirements into effective technical solutions & develop robust applications.

EDUCATION

Chitkara University

Bachelor of Engineering in Computer Science - **CGPA: 9.77**

2022 – Present

Baddi, Himachal Pradesh

Saharda Kalipada Vidyapith

10th Board (WBBSE) - **Percentage: 87.57%**

2018 – 2020

Pingla, West Bengal

Saharda Kalipada Vidyapith

12th Board (WBCHSE) - **Percentage: 94.40%**

2020 – 2022

Pingla, West Bengal

SKILLS

Programming Languages: C, C++, Java

Backend: Node.js, Express.js

Frontend: HTML, CSS, JavaScript, TypeScript, React.js

Databases: SQL, MongoDB, PostgreSQL

Tools: Git, GitHub, VS Code, Bash Scripting

Soft Skills: Problem Solving, Communication

Coursework: Data Structures & Algorithms (DSA), Operating System, Computer Networks, OOPs, Cloud Computing (AWS), MERN, Machine Learning

PROJECTS

EchoChat 🔗 | React.js, Node.js, Express, PostgreSQL, Tailwind CSS, Socket.io

Agu–Dec, 2024

- Built a Real-Time Chatting Application using the PERN stack, Tailwind CSS, and Socket.io for seamless two-way communication.
- Implemented responsive design and real-time messaging with robust backend support. Integrated user authentication and search functionality for easy connectivity.

Farm-U 🔗 | HTML, CSS, JS, Node.js, Express, Python, ML

Feb–Jul, 2024

- Developed Farm-U, a crop recommendation system using machine learning that suggests optimal crops based on soil nutrients, temperature, humidity, pH, and rainfall using a Random Forest classifier.
- Built a responsive web interface with real-time predictions, integrated model training pipeline, and secure user input handling for seamless and accurate agricultural assistance.

TypeMate 🔗 | Java, OOPs, Data Structures & Algorithms

Aug–Oct, 2023

- Developed a command-line MultiLine Text Editor in Java with features like text insertion, multi-line support, cursor navigation, and undo/redo functionality.
- Implemented efficient data handling using LinkedLists for text storage and Stacks for undo/redo operations, enhancing user experience.

CODING PROFILES

• **LeetCode:** [ankan108edu](https://leetcode.com/ankan108edu)

• **GeeksForGeeks:** [ankan1js6m](https://www.geeksforgeeks.com/author/ankan1js6m)

CERTIFICATIONS/ACHIEVEMENTS

• Programming Using C++ - Infosys

• Java (Basic) - HackerRank

• AWS for Administrators - Infosys

• Problem Solving (Basics) - HackerRank

• Database Management System - Infosys

• SQL(Basic) - HackerRank