

Soumodeep Shee

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25/1 Chandrapathak Lane, Bally, Howrah - 711201

Career Objective

Final-year B.Tech student with a focus on in Java, Spring Boot, and backend development. Proficient in MySQL, RESTful API design, and data structures and algorithms (DSA). Experienced in building efficient backend systems and collaborating on software projects. Currently expanding expertise in Spring Boot and machine learning. Relevant coursework includes Data Structures and Algorithms, Object-Oriented Programming in Java, Machine Learning, and Artificial Intelligence.

Education

University of Engineering & Management, Kolkata

CGPA: 8.27 (Till 5th sem)

Bachelor of Technology (B.Tech) in Computer Science (AI & ML)
(Pursuing, 2026)

Baranagore Ramakrishna Mission Ashrama High School

Marks: 87.2%

Higher Secondary, 2022

Baranagore Ramakrishna Mission Ashrama High School

Marks: 87.7%

Secondary, 2020

Technical Skills

- **Programming Languages:** Java, C, Python, Basic JavaScript
- **Frameworks & Tools:** Spring Boot (basic), Git, Streamlit, Postman
- **Databases:** MySQL
- **Soft Skills:** Teamwork, Communication, Time Management, Problem Solving

Projects

- **Student Management System**
Developed a basic CRUD application to manage student records with functionalities like add, update, delete, and view. Learned REST API creation, Spring MVC structure, and integration with MySQL database.
Technologies used: Java, Spring Boot, MySQL, REST API
- **Face Emotion Detection System**
Created a beginner-level AI project to classify facial emotions from webcam input using computer vision techniques.
Technologies used: Python, OpenCV, Machine Learning
- **AI-Powered Mental Health Assistant**
Built a full-stack AI web app that detects emotions from facial expressions and text using CNN and NLP. Provided personalized mental health support with mood-based music, jokes, and AI responses. Used OpenCV, Flask, and a responsive front-end with dark/light mode. Integrated Spotify, Gemini, and Joke APIs for an empathetic user experience.
Technologies used: Python, Flask, TensorFlow, Keras, OpenCV, JavaScript, Google Gemini API, Spotify API

Certifications

- Alpha (Dsa with Java) Apna College

Extra-Curricular Activities

- Participated in Diversion and few college-level coding contests and web development workshops.