

Kaushik Singha

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Portfolio

Summary

Third-year Computer Science (AI & ML) undergraduate with a solid foundation in Java programming, MySQL database management, and frontend web technologies. Experienced in developing academic and personal projects that emphasize structured problem-solving, clean logic, and user-friendly interfaces. Possesses a good understanding of core computer science subjects including data structures, operating systems, and DBMS, and actively works on improving algorithmic thinking. Motivated to apply technical skills in internships and entry-level software roles while continuing to build knowledge in AI and machine learning. Actively learning applied machine learning fundamentals.

Education

C.V. Raman Global University, Bhubaneswar

Bachelor of Technology in Computer Science and Engineering

2023 – 2027

CGPA: 8.04

NIST Higher Secondary School, Balasore

CHSE (Class XII)

2021 – 2023

Percentage: 79.5

Technical Skills

Languages: Java

Frontend: HTML, CSS

Databases: MySQL

Developer Tools: GitHub, VS Code

Coursework: Data Structures & Algorithms, Operating Systems, DBMS, Computer Networks

Concepts: OOP, Problem Solving, SQL Queries

Projects

MoviezWiki | PHP, MySQL, HTML, CSS, Bootstrap, TMDB API, Gemini AI

- Developed a feature-rich movie database web application using HTML, CSS, and JavaScript with a robust PHP and MySQL backend.
- Implemented complete user authentication, personalized wishlists, and integrated Gemini & Mistral AI with TMDB for intelligent search, filtering, explanations, and a support chatbot.

ChatConnect | HTML, CSS, NodeJS, SQLite

- Built a real-time chat application using Node.js, Express, and Socket.IO with OTP-based authentication, file sharing, message reactions, and online status indicators.
- Implemented secure backend services including bcrypt password hashing, email OTP verification, WebSockets, typing indicators, and read receipts.

Achievements

- Solved **50+** problems on LeetCode.
- Built a real-world software solution during the **Smart India Hackathon**.
- Reached **Trooper Tier** in the Google Cloud Arcade Program.

Certifications

- Oracle OCI AI Foundations** – Oracle University
- Java Basics Certification** – HackerRank