

Nidhi Chaudhary

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SUMMARY

B.Tech Computer Science student at KIIT University (Class of 2027) with strong foundations in C++, Java, and Python, and practical knowledge of Data Structures, Algorithms, DBMS, and Operating Systems. Experienced in developing full-stack and AI-powered applications using MERN stack, Spring Boot, and REST APIs. Solved coding problems across platforms, demonstrating strong problem-solving and analytical skills. Seeking a Software Development Internship to apply programming skills and contribute to real-world software projects.

PROJECTS

AI-Powered Email Reply Generator | *Spring Boot REST integration with Gemini API, Chrome Extension*

- Developed a **REST API with Spring Boot** and Spring AI leveraging the Gemini API to generate context-aware email replies, improving drafting efficiency by 60%.
- Built a **Chrome extension** integrated into Gmail that reduced manual response time by 50% while maintaining **<1s backend response latency**.

Full-Stack AI-Powered MERN App | *MERN Stack, OpenAI, Hugging Face*

- Built a full-stack AI application using the **MERN stack**, integrating the ChatGPT API and storing user queries/responses in MongoDB.
- Implemented a Node.js/Express backend with a **Hugging Face DeepSeek R1 fallback**, ensuring 95%+ uptime and reducing React frontend rendering time by 40%.

C++ Contact Management System | *C++, File I/O*

- Developed a console-based **C++ contact management system** with CRUD functionality and persistent storage using **fstream**.
- Optimized search and modularized **CRUD Operations**, reducing lookup time by 75%.

EDUCATION

Kalinga Institute of Industrial Technology <i>Bachelor of Technology in Computer Science & Engineering; GPA: 8.22/10.00</i>	Bhubaneswar, India <i>June 2023 – Present</i>
Adamas International School <i>ISC Board; GPA: 7.19/10.00</i>	Kolkata, India <i>April 2023</i>
Adamas International School <i>ICSE Board; GPA: 9.5/10.00</i>	Kolkata, India <i>April 2021</i>

ACHIEVEMENTS & ACTIVITIES

- Solved **100+** coding problems across various coding platforms like GeeksForGeeks & Leetcode, improving algorithmic skills.
- **Completed Data Structures & Algorithms** in C++ course from Udemy solidifying DSA & OOP concepts.
- Completed **SQL & Database** courses from Udemy to gain practical knowledge about **Data Modelling, SQL Joins** and **Query** writing.

SKILLS

Languages: C, C++, Java, Python, JavaScript, SQL
Tools/Frameworks: STL, React, Struts, SpringBoot, Node.JS, Express, Git
AI Tools: OpenAI API, Spring AI, ChatGPT, Google Gemini, Huggingface
Core Competencies: Problem Solving, Quick Learner, Active Listener

CERTIFICATIONS

- **Mastering Data Structures & Algorithms using C and C++**
- **Fundamentals of SQL & Database Management Systems**
- **Basics of Operating Systems & Linux Shell Scripts**