

RIYA CHANDRA

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Education

ABES Institute of Technology, Ghaziabad, Uttar Pradesh | CGPA: 8.235 | 2022–2026

Bachelor of Engineering (Computer Science and Engineering)

Class 12th – DAV Public School, Cantt Road, Patna

Percentage: 87.80% | 2020–2021

Class 10th - DAV Public School, Walmi Complex, Patna

Percentage: 91.00% | 2018–2019

Work Experience

Full Stack Web Developer Intern

DEHIX, Ghaziabad, India | Sep 2024 - Jan 2025

- Expanded and enhanced front-end and back-end functionalities, refined overall platform usability by 40%.
- Integrated Generative AI to automate freelancer-client workflows, reducing manual steps and turnaround time by 25%.
- Built a resume-building module that let users create and download professional resumes and analyze ATS scores, resulting in a 30% increase in the job application success rate.
- Worked on the backend, implementing verification mechanisms that reduced fraudulent registration by 35%.
- Explored prompt handling and flow control in AI assistants using OpenAI and LangChain.
- Led a process re-engineering project using Node.js and Firebase to streamline service processes and communication flow.

Projects

Coding Collab Platform

- Developed real-time coding rooms with shared compiler, video/audio calls, chat, whiteboard, and solo study with customizable backgrounds.
- Deployed notes management, DSA quizzes and students' feeds for daily problem-solving and collaboration.
- Built a collaborative coding platform using Next.js and LangChain for chatbot assistance.
- Applied CRUD APIs for managing users, rooms, and sessions, ensuring secure and scalable backend.

Event Handling System

- Created a dynamic event management system with full CRUD functionality, enhanced event update efficiency and reducing administrative overhead by 30%.
- Implemented advanced search, filtering, and categorization features, improving event discoverability by 25%. Engineered a robust authentication system using Clerk and MERN stack, strengthening access management.
- Integrated Stripe for secure payments, increasing transaction reliability by 20%. Gained working knowledge of OAuth and SSO flows.

Additional Projects

- *Airbnb Clone*– Developed a full-fledged booking platform with user authentication, property listings, and interactive UI.
- *Spotify Clone*– Designed a music streaming platform with playlist management and real-time song playback.
- *Chat App*– Created a real-time chat application using Socket.IO and WebSockets, enabling low latency communication between users.

Technical Skills

Programming Languages: JavaScript, TypeScript, React, HTML5, CSS, C, C++.

Frameworks and Libraries: Node.js, Express.js, Next.js, Firebase, OpenAI APIs, LangChain, Tailwind CSS, Bootstrap.

Databases: MongoDB Atlas, SQL database.

Cloud and Tools: AWS (S3), Google Cloud Platform (GCP), Git, Visual Studio Code.

Core Concepts: Data Structures and Algorithms (DSA), Operating Systems (OS), Database Management Systems (DBMS), Object-Oriented Programming (OOP).

Certifications & Achievements

Data Structures & Algorithms: Solved 500+ problems across multiple coding platforms (LeetCode, Codeforces, GeeksforGeeks, CodeChef).

Open Source Contributions: 4+ Level 3 PRs merged, showcasing collaborative development.

MERN: Completed a development-focused program at Apna College, mastering advanced Full-stack topics.

Hacknovate 5.0: Participated in a 24-hour hackathon, ranking among the top 20 teams.