

# 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

- Enhanced end-to-end platform features and usability, integrated Generative AI for workflow automation, reduced manual tasks by 25% and improved platform engagement by 40%.
- Built a resume-building module that allowed users to 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 registrations by 35%.
- Designed and optimized prompt-handling & flow-control logic using OpenAI and LangChain.
- Led a process re-engineering project using Node.js and Firebase to streamline service processes and communication flow.

## Technical Skills

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

**Frameworks and Libraries:** Node.js, Express.js, Next.js, Firebase, LangChain, Tailwind CSS, Bootstrap, Generative AI Hugging Face Transformers.

**Databases:** MongoDB Atlas, SQL databases.

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

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

## Projects

**Multi-Agent Automation System** | Oct 2025 - Nov 2025

- Built an AI-powered WhatsApp Personal Assistant using FastAPI, LangChain multi-agent architecture, and Twilio enabling users to schedule events, manage Gmail, and perform real-time research directly through chat.
- Engineered async tool-calling and conversational memory using Groq/OpenAI + SQLite, enabling a production-grade automation flow with seamless Google Calendar & Gmail integration.
- Implemented LLM orchestration flows for tool execution, agent routing, and conversational memory management.

**Coding Collab Platform** | Sep 2024 - Oct 2024

- Developed real-time coding rooms with shared compiler, video/audiocalls, chat, whiteboard, and solostudy 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 a secure and scalable backend.

**Event Handling System** | June 2024 - July 2024

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

## Certifications & Achievements

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

**Open Source Contributions:** Merged 4+ Level-3 PRs, improving features through collaborative development.

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

**Infosys:** Infosys-certified in AI skills, demonstrating strong foundational competence in artificial intelligence.