

# RISHABH GOEL

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Rishabh Goel    Rishabh Goel

## summary

I'm an MCA student with experience in full-stack development using JavaScript, React, Next.js, Node.js, and MongoDB. I'm currently diving into Generative AI, working with LangChain, vector databases like Qdrant, and RAG-based systems. I enjoy blending AI with modern web technologies to build scalable, intelligent applications.

## Education

### JSS Academy of Technical Education, Noida Sec-62, India

2023 – 2025

*Master of Computer Applications (MCA) – CGPA: 7.8*

- Relevant Courses: OOPS, Operating Systems, Data Structures and Algorithms, DBMS

### M.J.P. Rohilkhand University, Bareilly, India

2019 – 2022

*Bachelor of Computer Applications (BCA) – Percentage: 65%*

- Relevant Courses: OOPS, Operating Systems, DSA, DBMS, Computer Networks, Artificial Intelligence, Cloud Computing

## TECHNICAL SKILLS

**Languages:** Java, C/C++, JavaScript, SQL, Python

**Frameworks:** ReactJS, ExpressJS, NextJS, GraphQL, LangChain, Generative AI

**Tools:** Git, GitHub, Postman, Figma, Docker

**Databases:** MySQL, Firebase, MongoDB

**Platforms:** Windows, VS Code, NodeJS

## PROJECTS

### LexAI PDF Analyzer | Python, NLP, Transformers

Mar 2024 – Present

- Developed intelligent PDF processing system using Python that extracts and analyzes legal documents with 80% content relevance accuracy
- Implemented TF-IDF and cosine similarity for semantic search, reducing information retrieval time by 70% compared to manual review
- Integrated Hugging Face's T5 transformer to generate concise summaries while preserving key legal context
- Engineered robust error handling and text chunking to reliably process 0+ page documents

### PostAway - Social Media API | Node.js, Express.js, MongoDB

Dec 2023 – Jan 2024

- Designed and developed a scalable RESTful API for social media functionalities.
- Implemented key endpoints: user authentication, profile management (follow/unfollow), and post management.
- Enhanced API scalability to handle 50% more concurrent users while maintaining acceptable response times through optimized resource management.
- Built the backend using Node.js, Express.js, and MongoDB with a focus on modularity.

### Podstream - Podcast Streaming Application | React.js, Node.js, MongoDB

Apr 2023 – May 2023

- Redefined the podcast streaming experience with a React app allowing users to create and stream podcasts easily.
- Implemented a full-stack solution connecting MongoDB with Node.js and Express.js for REST APIs, and integrated Axios in the frontend.
- Enhanced productivity by leading a team of 4 members

## ACHIEVEMENTS

- Codezen Coding Contest (2024)**  
Secured **2nd position** in the department-level competition, demonstrating strong problem-solving skills and efficient algorithm implementation under time constraints.
- Competitive Programming (2024)**  
Solved **250+ problems** on platforms like LeetCode and Coding Ninjas, mastering data structures and algorithms.