

# RACHIT SAXENA

## CONTACT

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## EDUCATION

### GLA UNIVERSITY, MATHURA

Bachelor of Technology – Computer  
Science Engineering (AIML)  
2024 – 2028  
CGPA: 8.26

## SKILLS

### ◆ Programming Languages

- Java (DSA)
- Python
- JavaScript
- C / C++ (basic)

### ◆ Web Development

- HTML, CSS
- React.js
- Node.js
- Express.js

### ◆ Databases

- MySQL
- MongoDB

### ◆ AI / ML / GenAI

- RAG Concepts  
(LangChain, Pinecone)
- Pandas, NumPy,  
Matplotlib, Scikit-Learn
- OCR: PyTesseract

### ◆ Tools & Platforms

- Git & GitHub, Docker
- VS Code, Cursor, Replit
- Netlify, Cloudflare

## ABOUT ME

BTech CSE (AIML) undergraduate with strong interest in Full Stack Development and AI-powered applications. Experienced in building web projects using React, Node.js, Express, and Python with GenAI integration. Passionate about problem-solving, learning new technologies, and building real-world solutions.

## PROJECTS

### ORION-AI JOB ASSISTANCE PLATFORM (FULL STACK + AI PROJECT)

- Built an AI-powered job assistance web application to help users with job search, ATS score analysis, and coding guidance.
- Developed backend using Node.js and Express and integrated Python-based Gemini API for intelligent responses.
- Designed frontend using HTML/EJS with dynamic data rendering.
- Tech Stack: Node.js, Express, Python, Gemini API, HTML, CSS, JavaScript

### RAG-BASED AI QUESTION ANSWERING SYSTEM

- Implemented a Retrieval-Augmented Generation (RAG) system for document-based question answering.
- Used LangChain for orchestration and Pinecone as a vector database to retrieve relevant context.
- Tech Stack: Python, Django, LangChain, Pinecone
- Project link : <https://project2updated.pages.dev/>

### AI PITCH GENERATOR

- Developed an AI-powered pitch generator that creates professional and persuasive business or idea pitches based on user input.
- Designed prompt logic to generate concise, structured, and context-aware pitches using a Generative AI model.
- Built a simple user interface to collect inputs and display generated pitch content effectively.
- Tech Stack: Python, Generative AI (Gemini API), Prompt Engineering, HTML, CSS
- Project Link : <https://pitch-bnb.pages.dev/>

## CERTIFICATIONS

- Microsoft Azure AI Fundamentals (AI-900): Understanding of AI workloads, machine learning concepts, computer vision, NLP, and Responsible AI on Azure.
- Microsoft Azure Fundamentals (AZ-900): Knowledge of core Azure services, cloud concepts, security, pricing, and governance fundamentals.

## EXPERIENCE

- Gained hands-on experience through academic projects and hackathons during BTech CSE (AIML) at GLA University (2024–2028). Selected among the top 40 teams in Hack n Viz 2.0.