

# Abhishek Gupta

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[LinkedIn](#) | [GitHub](#) | [LeetCode](#)

## EDUCATION

**Galgotias College of Engineering and Technology**  
Bachelor of Technology in Computer Science (AI)

**Expected Graduation: 2027**  
Greater Noida, India

## WORK EXPERIENCE

### HackVSIT @ VIPS Delhi

Finalist

**2024**

Delhi, India

- Developed "Real Prep," an AI-powered interview platform with real Sentiment Analysis using Camera.
- Generates evaluation report along with improvement plan.
- Integrated resume parsing and dynamic question generation for mock interview practice.

### Hackstacy @ SRM Ghaziabad

Top 10 Finalist

**2024**

Ghaziabad, India

- Built CodeShield AI - an AI tool that detects code vulnerabilities like SQL injection.
- Integrated static code analysis and real-time git repository thread analysis using traditional ML techniques.

## PROJECTS

### RealPrep AI | [Live Link](#) | [GitHub](#)

**2025**

- Developed a mock interview platform leveraging **RAG-Based AI Agents**.
- Engineered with **real-time facial expression analysis** via camera to detect user stress and emotional cues.
- Integrated **resume parser** with **GPT-powered question generator**, for questions based on candidate skills and job roles.
- Generates **evaluation report** along with improvement plan.

### BookWise AI | [Live Link](#) | [GitHub](#)

**2024**

- **Tools & Technologies Used:** Gemini API, RAG, Voice-to-Voice, Vector DB.
- BookWise is an **AI-powered book companion** platform along with eLibrary. It helps users get queries answered during reading time and discuss anything about the book.
- Implemented a **RAG-based conversational system** using Gemini to answer user queries with real book context.
- Developed a chat interface with both text and **Voice-to-voice support** along with **conversational memory**, emotion-aware tone customization, and **dynamic quote referencing** from uploaded books.

## TECHNICAL SKILLS

- **Programming Languages:** Java, JavaScript, TypeScript, Python, C, C++.
- **Frameworks & Libraries:** React, Node.js, Express.js, NumPy, Pandas.
- **Databases:** MongoDB, SQL.
- **Technologies:** Agentic AI, GenAI, GenKit, Vercel AI SDK, Firebase, Supabase.
- **Tools & Automation:** Cursor, n8n, Git, GitHub Actions.
- **Core Areas:** Data Structures, OOPS.

## CERTIFICATES

- **Introduction to Artificial Intelligence (AI)** | [Certificate](#)  
Learned fundamental AI concepts, search algorithms, and knowledge representation. Studied real-world applications of AI in healthcare, finance, and automation.
- **Introduction to Generative AI** | [Certificate](#)  
Explored prompt engineering techniques to optimize AI-generated outputs. Implemented AI-generated text, image, and code applications using APIs like OpenAI and Azure AI.
- **Fundamentals of Java Programming** | [Certificate](#)  
Learned core Java concepts, OOP, data structures, and exception handling. Developed hands-on experience with Java Collections Framework, multithreading, and file handling.