

# GARV MITTAL

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## EDUCATION

**Faculty of Engineering and Technology, University of Lucknow**  
Bachelor of Technology in Computer Science & Engineering  
BTech in CSE ; SGPA: 8.60

Lucknow, Uttar Pradesh, India  
**November 2022 - Present**

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## SKILLS

### Technical Skills:

- Languages : Java, JavaScript, TypeScript, Python, SQL, C
- Web : HTML, CSS, Tailwind CSS, React.js, Next.js, Node.js, Express.js, Nest.js, MongoDB, MySQL, JWT, RESTful API
- Tools : Power BI, Git, VS Code, Postman, Atlas, Collab, Jupyter, Tableau, WordPress

**Soft Skills** : Team Collaboration, Technical Communication, Problem Solving

**Additional** : Networking Concepts, OS Concepts, Data Structures and Algorithms Concepts, System Design Concepts.

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## EXPERIENCE

### Software Development Intern

**July 2025- Present**

#### StuFit Approach Pvt. Ltd.

- We used Node.js, Express, and Prisma to put together and show data for more than 1,000 students on a student data summary dashboard, which made it easier to analyze.
- Database query and API endpoints were also optimized to lower dashboard load time.
- Developed in an Agile development environment, releasing features, resolving bugs, and improving UI and UX for user engagement optimization..

### HeadStarter.AI Fellowship

**July 2024 - Sept 2024**

#### HeadStarter.AI

- Led advanced AI and machine learning projects, developing innovative solutions and researching emerging technologies.
- Collaborated with industry experts and mentored peers on real-world applications.
- Enhanced AI expertise and leadership skills through hands-on experience.

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## PROJECTS

### Vid-Tube - Backend of a platform like YouTube | Node.js, Express.js, JWT, MongoDB, Bcrypt, Cloudinary:

- Built a fully functional backend for an application similar to YouTube using nodejs, expressjs, mongodb, mongoose, JWT, bcrypt, and handling images using Multer package and Cloudinary.
- Project uses all standard practices like JWT, bcrypt, access tokens, refresh Tokens and contains all the features like signup, login, comment, upload video, subscribe, unsubscribe,etc.

### AI-Ticket-Assistant - AI Powered Ticket Management System | Node.js, Inngest, Nodemailer, JWT, MongoDB, Gemini API

- A smart ticket management system that uses AI to automatically categorize, prioritize, and assign support tickets to the most appropriate moderators.
- Key Features: Ticket Creation, AI Processing, Moderator Assignment, Notification.

### Dr. Meera Sharma - Medical AI Chatbot with Image recognition | Python, LLaMA, Whisper v3 API, Gradio UI, PyDub :

- Developed a Medical AI Chatbot using LLaMA and Whisper v3 API for voice-based interaction and medical image recognition.
- Enabled basic diagnostics through natural language understanding and image analysis for skin and hair conditions.

### MindSpace 3.0 - Ai Therapist | Nextjs, Gemini API, JavaScript, REST API, Inngest, MongoDB, JWT, Tailwind :

- Built a fully functional Ai therapist agent which provides option various features such as customizing the session as per the user's mood, to provide better user experience and enable users to share their feelings in a safe customized environment.
- Integrated some mini games to help in relaxing the mind.
- Built a minimalistic dynamic UI which gives a sense of peace of calmness using Nextjs, Tailwind CSS.

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## ACHIEVEMENTS

- **100+** questions solved on LeetCode.
- **150+** DSA Questions solved on GFG (ranked under 30 in college).
- LinkedIn Learning **Certification in Data Analytics**.