

EDUCATION

Galgotias College of Engineering and Technology

Bachelor of Technology – Computer Science (AI)

Noida, India

Expected Graduation: 2027

SKILLS SUMMARY

- **Languages:** Java, JavaScript, TypeScript, SQL, Python (NumPy, Pandas, Matplotlib)
- **Frameworks:** Next.js, React.js, Node.js, Express.js, Prisma
- **Databases:** PostgreSQL, SQL, MongoDB
- **Tools:** Git, Docker, Vercel, Azure, ChatGPT, CoPilot
- **Platforms:** Framer, Visual Studio Code, IntelliJ IDEA, Jupyter Notebook, Supabase
- **Soft Skills:** Problem-Solving, Leadership, Communication
- **Big Data & Cloud:** Azure, Google Cloud
- **Programming:** Data Structures, OOPs

WORK EXPERIENCE

FREELANCE WEB DEVELOPER

December 2024

- Designed and developed a **Business Landing Page** to enhance the company's online presence.
- Implemented a responsive, SEO-friendly UI using **React, Next.js**.
- Integrated contact forms and service descriptions for improved user engagement.
- Optimized page performance, reducing load time by **30%** and increasing conversions.

PROJECTS

MENTOR CONNECT | [LINK](#)

January 2025- February 2025

- Built a full-stack mentorship platform with role-based access for mentors and mentees.
- Enabled real-time mentorship sessions via **WebRTC** and **WebSocket-based chat** for seamless communication.
- Integrated a **RAG-based AI mentor using Mistral AI**, offering speech-based guidance contextualized from past sessions.
- Implemented **facial expression analysis** to detect mentee emotion and personalize AI mentor responses.
- Secured data with custom JWT authentication and **PostgreSQL (Neon) + RLS policies** for user/session management..

SMART TRIP PLANNER | [LINK](#)

November 2024- December 2024

- Built an interactive travel guide with an itinerary planner and budget tracker.
- Integrated AI (GPT-4o) to provide comprehensive travel-related information.
- Implemented RESTful APIs for fetching live travel data and currency conversion.

AI COST SAVER WITH USER WALLET | [LINK](#)

January 2025- February 2025

- Created a pay-per-use AI API proxy gateway with API access to all Open AI models at cheaper rates.
- Implemented semantic caching and prompt enhancement to save the usage costs by upto 25 percent.
- Created a wallet for every user to load amount using Paypal and get access to the AI models.

CERTIFICATES

- Introduction to Artificial Intelligence (AI) | [CERTIFICATE](#)

May 2024

 - Learned fundamental AI concepts, including search algorithms, knowledge representation, and decision-making.
 - Studied real-world applications of AI in healthcare, finance, and automation.
- Introduction to Generative AI | [CERTIFICATE](#)

March 2024

 - 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](#)

May 2024

 - Learned core Java concepts, including object-oriented programming (OOP), data structures, and exception handling.
 - Developed hands-on experience with Java Collections Framework, multithreading, and file handling.
 - Implemented real-world applications using Java, focusing on modular and reusable code.