

# ZOYA HASSAN

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## Education

**Thadomal Shahani College of Engineering(TSEC), India**  
B.E in Computer Engineering | CGPA: **9.37**

**2022 - 2026**  
(expected)

## Skills

- **Programming:**Java(DSA) ,Python ,C ,OOP ,DBMS ,OS
- **Frontend Technologies:**HTML ,CSS ,Javascript ,ReactJs ,Bootstrap ,Tailwind CSS ,Streamlit.
- **Backend Technologies:**Node.js ,Express.js ,MongoDB ,MySQL ,PostgreSQL ,Rest API ,Fast API ,GraphDB ,Flask.
- **Other Technologies:**Gen AI ,LLMs ,Langchain ,Agentic AI ,Fine Tuning ,Typescript ,Web Scraping ,OpenCV ,Next.js .

## Work Experience

- AmberFlux** | Backend Developer **Dec'24 - Feb'24**
- **API Development & Optimization:** Built 15+ high-performance REST APIs, enhancing data exchange , system scalability.
  - **Integration Testing & Docker Deployment:** Conducted rigorous testing and deployed applications using Docker for seamless scalability.
- Intellify** | Full Stack Developer **Aug'24 - Nov'24**
- **GenAI-Driven Solutions:** Developed 7+ AI-powered applications, driving automation and engagement.
  - **UI/UX Enhancement:** Improved EdTech platform's interface, boosting user interaction and retention.

## Projects

- DealDetective** [Link](#) **Nov'24**
- Maximize Amazon shopping efficiency with real-time product tracking, detailed analytics, and email updates—powered by **Next.js**, **TypeScript**, **MongoDB**, **Cron Jobs**, and **LLMs**.*
- **Real-time Tracking:** Stay updated on pricing trends and stock availability.
  - **Comprehensive Analytics:**Track pricing trends and use LLM-driven reviews for smarter purchases.

- Edumail** [Link](#) **Dec'24**
- A platform that revolutionizes email management for educational platforms with Retrieval-Augmented Generation (RAG) and multi-AI agents.-**Langchain**,**LangGraph**,**Chromadb**.*
- **Context-Aware Responses:** Generates personalized, professional replies based on the email's content and context.
  - **Automated Email Categorization:**Classifies emails into predefined categories like complaints streamlining communication
- InterviewAI** **Present**
- Transforming interview prep with an AI-driven feedback system, real-time mock interviews, and a visual analytics dashboard—**Deepgram**, **Next.js**, **Supabase**, **LLMs**.*
- **Real-World Simulation:** Practice with AI-driven mock interviews that mimic real scenarios.
  - **Personalized Guidance:** Get tailored feedback based on your strengths and weaknesses.

- UniFete** [Link](#) **Jun'24**
- An event management platform with role-based dashboards for students, committees, and faculty, simplifying event planning and coordination -**HTML**,**CSS**,**JS**,**NodeJs**,**ExpressJs**,**MongoDB**,**Bootstrap**,**Nodemailer**.*
- **User Authentication & Event Management:** Secure logins, scheduling, and event approval.
  - **Email Notifications & Venue Requests:** Automatic updates and venue availability checks.

## Achievements

**Rank 1 (College)** on GeeksforGeeks and solved **500+ problems** on LeetCode.

**Winner of Need For Code 3.0**-Awarded for **SteadySteps**, a solution empowering rehabilitation journeys with impactful tools.

**Winner of Codeissance**- Secured first place for creating **TravelEase**, a website that simplifies travel for disabled individuals.

**Secured Top 10 in ScrollHacks** - Developed **FinLit**, AI-based financial micro-investment app with other impactful features.

**Secured Top 10 in RUBIX 25,HackSync** -Developed a **House Finder platform** and **personal,social well-being** platform.

## Positions of Responsibility

- TSEC Codecell** | Senior Committee Member **Jun'22 - Present**
- Organized **24 hrs official offline hackathon-TSEC HACKS** (400+ participants) and **hosted Brain2win**(120+ participants).
  - Rebuilt the TSEC Weekly Coding Contest website, hosting 350+ participants for competitive coding events.
- Devs Club** | Technical Member **May'24 - Present**
- Maintained database systems for TSEC Apps and organized workshops,membership drives to promote coding culture.