

# Shreya Pandey

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## EDUCATION

### VIT Bhopal University

Bachelor of Technology, Computer Science Engineering  
CGPA: 7.86

August 2021 – May 2025

## SKILLS

**Programming Languages:** Java, JavaScript, SQL

**Frontend Technologies:** HTML5, CSS3, NextJS, ReactJS

**Backend/DevOps:** Docker, NodeJS, MongoDB, REST APIs

**Other Relevant Skills:** Git, Blender, Figma, OOPs, Data Structures, DBMS, Software Project Management

**Certification:** AWS Certified Cloud Practitioner

## WORK EXPERIENCE

### Vishesh Enterprise

Full Stack Developer

July 2024 – December 2024

- Migrated the website from an HTML template to Next.js, enhancing speed performance by 5x and collaborated with cross-functional teams for design and execution.
- Managed hosting and deployment processes to ensure seamless website operation.
- Migrated the database from Excel to MongoDB, streamlining data management and scalability.
- Designed and implemented backend APIs to optimize data retrieval and integration.

## PROJECTS

### Taskify (Productivity Optimization Tool)

November 2024

**Demo**

- Spearheaded the development of a task management web app, inspired by color-coded sticky notes, which improved productivity by 80%.
- Developed and integrated key features in Taskify, including secure user authentication, an intuitive task creation workflow, and a Pomodoro timer to boost productivity and streamline digital organization.
- Boosted deployment efficiency by integrating Docker and AWS, automating containerization and environment setup, resulting in a 40% reduction in setup time and streamlined application deployment process.

### Cognify (Community – Driven SaaS Platform)

January 2025

**GitHub**

- Created Cognify, a community-driven note-sharing platform with Next.js, Firebase, and Pinecone, featuring AI-powered semantic search, real-time collaboration, a rich-text editor (Tiptap), and Gemini API for note summarization.
- Designed and implemented a global, publicly searchable database of notes, enabling seamless access for all users to browse and contribute notes across the platform.
- Expanded search efficiency by 80% through optimized indexing algorithms using vector database.

### Fasal (SIH 2024 – Business & Client Engagement Project)

September 2024

**GitHub**

- Pioneered FASAL FFS, a mobile app connecting farmers directly with buyers to ensure fair pricing ensuring a 20% average increase in their income by eliminating middlemen.
- Integrated features like contract farming, stubble listing for extra income, and a call bot service, "Tai," for voice-based assistance to help farmers.

### AR/VR Tour Guide (Giza Immersive Explorer)

March 2024

**Demo**

- Collaborated on an immersive VR project using Unreal Engine to create virtual tours of the pyramids of Giza with 96% accuracy.
- Utilized Blender for 3D modelling, with assets from Quixel Bridge and Sketchfab, showcasing VR development skills and technical proficiency.

## ACHIEVEMENTS

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- Among the university finalists out of 130 teams in the Smart India Hackathon 2024, contributing to the submission of the project "Fasal" as part of Team Samadhaan.
- Won the Immersive Technology domain at the VIT Bhopal Industry Conclave project expo and secured a Top 5 overall rank among 100+ projects.
- Solved 200+ complex algorithmic challenges on LeetCode, achieving a rank of 4,70,147, which significantly enhanced coding proficiency and decision-making skills relevant to competitive programming and real-world applications.