

Shashank Pandey

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EDUCATION

Vellore Institute of Technology Bhopal University
B.Tech Computer Science and Engineering

2022– 2026 (Exp.)
GPA: 8.29

PROJECTS

Multi-Tenant E-Commerce Platform | [Link](#)

Oct 2025 – Nov 2025

Next.js 15, TypeScript, Payload CMS, PostgreSQL, Prisma, Stripe Connect, TailwindCSS v4, ShadcnUI

- Built multi-tenant e-commerce UI in Next.js 15 and integrated it with Payload CMS APIs.
- Implemented vendor subdomains, custom storefronts, and secure role-based access.
- Integrated Stripe Connect for merchant onboarding, payouts, and platform fees.
- Developed product search, filtering, reviews, and image upload features.

Face Detection Using Machine Learning | [Link](#)

Aug 2023 - Nov 2023

Python, OpenCV, CNN, NumPy, Haar Cascades

- Built a real-time face detection and recognition system with automated attendance marking and secure enrollment of new individuals.
- Implemented structured data storage for attendance records and user profiles, ensuring accuracy and persistence.
- Designed an intuitive interface with optional reporting features for seamless interaction and analysis.

Citizen ID System - Digital Identity Management Platform | [Link](#)

Jul 2024 - Feb 2025

Next.js, Tailwind CSS, Node.js, Express.js, MongoDB/PostgreSQL, NextAuth.js, Firebase/AWS S3.

- Developed a secure user management system with authentication, profile dashboard, and dark mode support.
- Implemented document handling features, including secure upload, storage, and DigiOne integration for fetching official records.
- Built productivity tools like a Resume Builder, Online Assessments, and an interactive UI with dynamic sidebar navigation.

Jarvis AI Assistant | [Link](#)

Oct 2024 – Jan 2025

- Developed an AI-powered virtual assistant capable of handling voice-command tasks like web search, file operations, weather updates, reminders, and automation.
- Integrated Groq-powered chatbot API for conversational intelligence and external APIs for image generation.
- Designed the system with asynchronous programming and modular architecture, ensuring real-time performance and scalability.

SKILLS

Languages: Java, C, C++, JavaScript, Python, HTML, CSS, SQL

Frameworks & Libraries: Next.js, React.js, Node.js, Express.js, Tailwind CSS, NextAuth.js, Arduino

Databases & Tools: MongoDB, PostgreSQL, Firebase, AWS, Git, GitHub, Vercel

CERTIFICATIONS

- AWS Solutions Architecture – Associate** - ETHNUS (Jan 25 - Apr 25) | [Link](#)
- MERN Full Stack** - ETHNUS (Jan 25 - Apr 25) | [Link](#)
- Cloud Computing** - NPTEL (Jan 25 - Apr 25) | [Link](#)

ACHIEVEMENTS

- 400+ problems** solved on [LeetCode](#) with **200+ days** coding in **2025** (focus on Data Structures & Algorithms, problem-solving).
- Completed **SQL50** study plan in [Leetcode](#).
- Competed in [Codeforces](#) contests, achieved **max rating 1000+**.