Tanisha Gupta

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EDUCATION

VIT Bhopal University | Bhopal, India   **Oct, 2022 − May, 2026**

Bachelors in Cloud Computing and Automation

Dr. Soney Lal Patel S.S. School   **April, 2020 − May, 2021**

SKILLS

- **Programming Languages:** Python, JavaScript, C++
- **Web Technologies:** React, Node.js, Express.js, HTML5, CSS3 , Streamlit , Vanilla, Angular, Redux
- **Cloud Platforms:** AWS
- **Databases:** MySQL, MongoDB
- **Tools & DevOps:** Git, Docker
- **Operating Systems:** Linux, Windows

PROJECTS

Real-Time Image-to-Text Converter (Multi-Language)(Github Link)

React, JavaScript, HTML5, CSS3, WebSockets

- Developed a real-time frontend interface for text extraction from images.
- Integrated WebSocket communication for live updates and seamless user interaction.
  multilingual support using API integrations, enhancing accessibility for global users.

Face Detection System for Criminal Record (Github Link)

Python, OpenCV, FaceNet

- Built a facial recognition system to detect and match faces from live feeds against a criminal database.
- Achieved 92% face match accuracy using FaceNet embedding vectors.
- Implemented alert system for security notifications in case of positive matches

Bug-tracker (Github Link)

Streamlit, Python, Git

- Developed a Streamlit-based Bug Tracker App to log, manage, and view software bugs with real-time updates.
- Migrated database from MySQL to SQLite for easier deployment.
- Added ML-powered auto-assignment feature using RandomForestClassifier to suggest team members for bugs based on project context and bug history.

CERTIFICATIONS

AWS Solutions Architect − Associate Program   **Issued: April 25th, 2025**

Adobe UI/UX Program (Graphic Design)   **Issued: April 27th, 2025**

Deloitte virtual Program   **Issued: July 11th, 2025**

Coursera - Applied Machine Learning in Python   **Issued: Dec 23th, 2023**

AWARDS, ACHIEVEMENTS ACTIVITIES

- Associate Project Lead: Spearheaded independent project development within the Ethnus AWS Solutions Architect program, demonstrating advanced cloud solution design and infrastructure management capabilities.
- Graphics Design Excellence: Recognized for outstanding UI/UX design projects and innovative visual communication strategies during the Ethnus Adobe Internship.
- Technical Community Contributor: Actively participated in peer-led study groups and knowledge-sharing sessions, fostering collaborative learning and problem-solving in cloud computing and graphic design domains.
- Recognized for active participation in NSPC 2025 − a national environmental competition hosted by the Ministry of Education and MoEFCC.

INTERESTS & HOBBIES

- Competitive Programming, sketching, Hiking, Cooking, Photography, Origami
- Avid reader of science fiction and technology blogs, enjoys challenging hikes and exploring new trails, active participant in online coding challenges, passionate about learning new culinary techniques.