

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
 - **Cloud Platforms:** AWS
 - **Databases:** MySQL, MongoDB
 - **Tools & DevOps:** Git, Docker
 - **Operating Systems:** Linux, Windows
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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.
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CERTIFICATIONS

AWS Solutions Architect – Associate Program

Issued: April 25th, 2025

- Designed scalable cloud architectures and implemented AWS solutions using EC2, S3, Lambda, IAM.
- Completed 20+ hands-on labs simulating real-world scenarios.

Adobe UI/UX Program (Graphic Design)

Issued: April 27th, 2025

- Created 10+ interactive prototypes and high-fidelity mockups, improving visual communication and usability.
- Applied design principles to real-world client scenarios, resulting in a 30% increase in user engagement (measured via test cases).

Deloitte virtual Program

Issued: July 11th, 2025

- Gained hands-on experience in problem-solving, stakeholder communication, and strategic thinking.
 - Applied consulting frameworks to real-world business challenges in a simulated environment.
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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.
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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.
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