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.

LinkLive - Social Canvas App (Github Link)

React.js, Tailwind CSS, WebGL, Data Visualization Libraries, Netlify

- Built a social network visualization web app to transform relationship patterns into interactive dashboards for improved team collaboration and productivity insights.
- Engineered machine learning algorithms for social network analysis, communication flow tracking, and predictive relationship insights, improving team collaboration efficiency by 25%.
- Built responsive data visualization dashboard with particle systems, 3D rendering, and automated alerts for social dynamics monitoring, achieving 95% user engagement rates.

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.