

Isha Tilotiya

+91-8839703569

Ishatilotiya@gmail.com

github

linkedin

Professional Summary

Enthusiastic B-Tech CSE student with strong technical skills, hackathon experience, and leadership in tech communities. Passionate about solving real-world problems through innovative solutions and continuous learning.

Education

Bachelor of Technology in Computer Science and Engineering (Majors in IoT) 2022–2026

Shree Siddheshwar Women's College Of Engineering

Academic Projects

AI Chatbot

Developed an AI chatbot inspired by ChatGPT with voice command support for JARVIS-like interaction.

- Achieved 85% speech-to-text accuracy with 1000+ training inputs.

Campus Connect

Built a centralized system for locating faculty, checking holidays, and receiving real-time alerts.

- Improved campus communication efficiency by 40%.
- Used PHP, JavaScript, HTML, and CSS.

Daily Expense Tracker

Developed an Android application with an integrated calendar to manage daily spending, improving budgeting efficiency by 40%.

- Enabled users to record items like groceries, fees, and loans with one click, improving expense tracking accuracy by 60% for 10+ active users.
- Used Kotline to improve navigation efficiency.

AI Sketch-to-Code Generator

Developed an AI-powered system that converts hand-drawn UI sketches or Figma screenshots into clean front-end code templates.

- Converted hand-drawn UI sketches into React/Android layout code using a CV + Python pipeline, improving design-to-development speed by 60%
- Deployed the system on cloud functions for scalable processing and automated component detection with high accuracy

Legal Advisor AI

Provided users with instant, law-aligned answers for common Indian legal issues by integrating a curated legal dataset with intelligent NLP-based response generation.

- Developed an AI-powered legal chatbot customized for Indian laws, capable of answering queries on topics like dowry, property rights, IPC sections, and consumer issues with high accuracy.
- Implemented NLP models and a curated legal knowledge base to deliver fast, reliable law-aligned responses, improving access to legal guidance for users lacking expert support.

Technical Skills and Interests

Languages: Python, PHP, HTML+CSS

Web Dev Tools: Pycharm, VScode, Github

Frameworks: Django & NumPy

Databases: MySQL, PhpMyAdmin

Relevant Course-learned: Data Structures & Algorithms, Cloud Computing, OOP, DBMS, Software Engineering

Areas of Interest: Web Design and Development, Cloud Computing

Soft Skills: Conflict resolution, Presentation skills, Creativity

Positions of Responsibility

- Vice President – CSS | Shree Siddheshwar Women’s College Of Engineering 2025
– Oversaw and coordinated departmental events, showcasing leadership and organization.
– Spearheaded student engagement drives, increasing event participation by over 60%.
- Google Cloud Facilitator | GDG 2024–2025
– Guided 100+ students through hands-on Google Cloud labs and concepts.
– Conducted cloud workshops and mentored peers to complete arcade quests and earn certifications.

Achievements & Certificates

Mini Project on Light On-Off Using Arduino	2025
NPTEL Silver Badge - IoT	2025
Certification In AWS & Oracle	2025
Certification In Google Cloud - Gen AI	2025
NPTEL - IoT, Cloud Computing, Soft-Skill	2023–2025
Hackathon Participant – MIT-ADT (By Zensar & AWS)	2024
EYF 2nd and 3rd Place in Solo Singing	2023–2024
Top Ranker in Graphics	2023