SHRADDHA KANKESHWAR

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EDUCATION

Course	College/University	Year	CGPA/%
BTech	Sardar Patel Institute Of Technology- Electronics and Telecommunication Engineering	2026	8.45/10
Minors in Management	SP Jain Institute of Management and Research	2025	
BS	Indian Institute Of Technology Madras- Programming and Data Science	2026	8.55/10

SOFTWARE PROJECTS

Banking Web App [Aug'24 - Present]

- Developed a web application for banking services, integrating customer account management, document encryption, and role-based access control
- Implemented advanced features like audit reports, multi-factor authentication, and an internal chat system for employee communication

Alumni-Student Connect Platform [Aug'24 - Present]

- Built an AI-powered alumni directory with resume parsing, job portal, and community-building tools such as posts and event management
- Integrated RoBERTa-based spam detection for maintaining platform security and enhancing user experience

Influencer Sponsor Management Platform : [May24- July24]

- Designed a platform to connect sponsors with influencers, featuring campaign management, search functionality, and payment testing portals
- Employed Flask, Bootstrap, and APIs for creating secure login systems, dynamic charts, and advanced form validation

HARDWARE PROJECTS

PAM and PWM Signal Processing : [Aug 24 - Present]

- Processed PAM/PWM signals using DSP kits, achieving effective modulation with high-quality audio reproduction at 44.1kHz
- Enhanced signal clarity and reliability for real-time applications through optimized audio processing techniques

250W Heater Circuit Design : [Sep 24- Dec 24]

- Simulated a 250W heater circuit in Multisim, focusing on thermal efficiency and circuit stability under varying loads
- Ensured reliable performance through rigorous testing of the circuit under multiple scenarios

Intruder Detection Using NVIDIA Jetson (YOLOv7) [Jan 24- Apr 24]

- Developed a real-time intruder detection system using YOLOv7 and NVIDIA Jetson, leveraging GPU acceleration for efficient monitoring
- Integrated live webcam feeds and fine-tuned models with TensorFlow for accurate detection of human and animal intruders

SKILLS

Programming Languages	Python, Java, C/C++, SQL, JavaScript, HTML/CSS
Frameworks and Libraries	Flask, Jinja2, Bootstrap, TensorFlow, Keras, YOLOv7, OpenCV
Databases	SQLite, MySQL
Machine Learning and AI	Deep Learning, Transfer Learning, Neural Networks, Computer Vision
Cybersecurity and Networking	Encryption, Secure Doc Managemen, Multi-threading, Client-Server Architecture
Project Management and Leadership	Team Leadership, Project Coordination, Cross-functional Collaboration

EXPERIENCE

Enactus S.P.I.T. | *Vice-President* [Nov'22 - Aug'24]

- Led all **executive** decisions and managed cross-functional teams across Projects, PR, Marketing, Finance, and Operations, ensuring seamless coordination and **strategic alignment**
- Organized flagship events like **EPiC 2023** (Enactus Pitching Competition), **ABHIMAT**, and **Morya Memories**, promoting Enactus' **social responsibility goals**
- Executed community initiatives, including **Clothes Donation** and **Blood Donation** drives, fostering **social impact** and engagement

National Innovation and Startup Policy (NISP) | *Committee Member* [Nov'22 - Nov'23]

- Led a **sub-committee** for efficient coordination and execution of tasks, including a detailed budget for industrial visits
- Promoted the NISP **Podcast** through targeted outreach and documented reports highlighting insights on **marketing** and **robotics**