

UTKARSH SHUKLA

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ABOUT ME

Software Engineer (May 2026 grad) with a strong foundation in AI/ML and full-stack development, seeking SDE internship roles at top tech companies.

EDUCATION

Bachelor of Technology in Computer Science, Manipal University Jaipur

Expected May 2026

Minor: Cloud Computing CGPA: 8.15/10.0

Relevant Coursework: DSA, System Design, OS, DBMS, Networks

SKILLS

Programming	Python, JavaScript, Java, C++, SQL, Bash
CS Fundamentals	Data Structures & Algorithms, System Design, OOP, OS, DBMS
AI/ML	Computer Vision, NLP, LangChain, OpenCV, Scikit-learn, Pandas
Web/Backend	FastAPI, Flask, React, Next.js, PostgreSQL, REST APIs
Tools & Cloud	Git, Docker, AWS (EC2, S3), Linux, Kubernetes

PROJECTS

Smart Attendance System with Face Recognition — Built robust AI-powered system (95%+ accuracy) using Python, OpenCV, and PostgreSQL. Features anti-spoofing with facial landmarks and a real-time dashboard. [\[GitHub\]](#)

AI-Powered Clinic Management System — Developed a full-stack healthcare app with Flask, PostgreSQL, and a LangChain chatbot for appointments, automating scheduling and reducing admin workload. [\[GitHub\]](#)

AI-Powered EDM Generator — Created an interactive web app using Meta's MusicGen model for text-to-music generation. Attracted users with real-time audio streaming. Deployed on Hugging Face Spaces. [\[Live Demo\]](#)

Personal Portfolio Website — Built a responsive personal portfolio with Next.js and React to showcase projects and skills. Deployed with SSR and modern SEO best practices. [\[Website\]](#)

EXPERIENCE & LEADERSHIP

General Secretary, IEEE GRSS, Manipal University Jaipur

Oct 2022 – May 2025

- Led a 15-member team to organize 12+ technical events for 500+ participants including hackathons and workshops.
- Boosted chapter engagement by 40% through strategic planning and community-building initiatives.
- Maintained GitHub with 20+ AI/ML and full-stack project repositories; actively contributed to open source.
- Created educational content on modern web dev and AI, mentoring members of the student community.

CERTIFICATIONS

AWS Cloud Foundations, CCNA (Cisco), Python Essentials 1&2, IBM Enterprise AI, DAA (NPTEL), Software Testing (NPTEL)

TECHNICAL INTERESTS

Large Language Models (LLMs), Multimodal AI, Generative AI, Web-Scale Systems, Privacy-Preserving AI, Distributed Systems, AI Infrastructure