

Rishit Tandon

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Education

B.Tech

2023 -2027

SRM Institute Of Science And Technology, Kattankulathur Main Campus

Senior Secondary (XII)

2023

CBSE Science Lucknow Public College, Gomti Nagar

Secondary (X)

2021

ICSE Seth M R Jaipuria School, Lucknow

Online coding practice

[HackerRank link ↗](#)

[Leetcode link ↗](#)

[GitHub link ↗](#)

Projects

[TREAT ↗](#)

Mar 2024 - Apr 2025

TREAT is a socially impactful project designed to combat hunger by leveraging technology for food distribution. It uses a WhatsApp chatbot integrated with Twilio to notify people about temples and community centers offering free meals (Prasad) on specific days. Users can interact with the bot in their preferred language, share their location, and receive details of the nearest food-serving places. The system also allows event organizers to register meal events and send SMS alerts to those in need. TREAT (Temple Reach and Eat Assistance Tool) aims to ensure that no one goes hungry by connecting people to available food resources efficiently.

[MedAssist ↗](#)

Mar 2024 - Apr 2024

MedAssist is a multilingual healthcare chatbot designed to provide accessible medical guidance to users through voice and text interaction. Available on WhatsApp, it supports languages like English, Hindi, Tamil, Telugu, Bengali. MedAssist offers instant responses to health-related queries, symptom checks, and basic medical advice, making it especially useful in remote or underserved areas. Its goal is to bridge the communication gap in healthcare and ensure timely support for everyone, regardless of language or location.

[Ultron ↗](#)

Dec 2023 - Feb 2025

Ultron is an advanced voice assistant project developed to perform smart tasks using natural voice commands. Built with Python, it integrates speech recognition, text-to-speech, and real-time translation to create a seamless interactive experience. Ultron can search the web, play music, fetch weather updates, manage files, and even translate languages on the go. With its menu-driven approach and support for multiple languages, Ultron aims to make everyday digital interactions hands-free, intuitive, and more accessible for all users.

[KisanVikas ↗](#)

Sep 2024 – March 2025

Kisan Vikas is an innovative project aimed at empowering farmers through technology. It features a multilingual chatbot integrated with an IoT-based monitoring system that tracks vital agricultural parameters like soil moisture, pH levels, and light intensity. The chatbot interacts with farmers in their preferred language, providing real-time guidance and recommendations based on sensor data. By combining AI and IoT, Kisan Vikas helps farmers make informed decisions, improve crop yield, and promote sustainable farming practices.

AISGR

May 2023 - Present

AISGR is an innovative smart glass project that combines real time computer vision with conversational AI to assist users in identifying and understanding objects in their environment. Powered by Ollama's LLaMA 3.2 Vision model, the smart glasses feature a live video feed where users can circle or highlight areas using hand gestures. The system then analyzes the selected region and provides detailed information via voice output in a high-quality female voice. Designed for seamless voice-to-voice interaction, Vision Quest aims to enhance accessibility, especially for visually impaired users, and support on-the-go object recognition, translation, and context-aware assistance.

[Multiverse ↗](#)

Jan 2025 – May 2025

The ThinkV platform and Meta City model by Team Industrial Metaverse present an integrated, real-time system for collaborative project demonstration. By unifying multiple student projects using digital twins and IoT within a shared infrastructure, it showcases the potential of immersive, data-driven environments. Utilizing a custom cloud API, Unity-based 3D visuals, and a smart city prototype with ESP8266 modules, the system turns static displays into dynamic, interactive experiences. It promotes clearer communication, scalability, and affordability, making it ideal for classrooms, expos, and interdisciplinary collaboration. The project sets a new standard for educational tools in the industrial metaverse, fostering innovation, teamwork, and engagement.

Skills

- Python
- Android
- CSS
- Unity Engine
- C Programming
- Java
- MySQL
- JavaScript
- HTML 5
- C#
- C++ Programming
- Blender

Extra curricular activities

- 1st Place in SUTD: Smorphi competition, Singapore
- 1st Place in South India Regional Conclave
- 1st Place in Semiconductor Exhibition
- 1st Place in NWC expo
- 2nd Place in C.Tech Project Expo
- 2nd Place in Arduino Hackathon
- 2nd Place in SUTD: Smorphi Competition,

Scam Detection App

Apr 2025 - Present

A comprehensive Android app under development to fight scams. It includes features like phishing detection, scam call/SMS filters, fake news detection, financial fraud monitoring, and AI-powered scam analysis using Ollama Vision.

[CineVerse ↗](#)

Jan 2025 - Present

CineVerse is an online movie streaming and casting platform that allows users to watch OTT content together in real-time. With synced playback, chat features, and a private couple mode, CineVerse creates the perfect virtual movie night experience!

[Geo Tag Pro ↗](#)

Feb 2025 – Jun 2025

A comprehensive Android app under development to fight scams. It includes features like phishing detection, scam call/SMS filters, fake news detection, financial fraud monitoring, and AI-powered scam analysis using Ollama Vision.

- 3rd Place in BIS Hackathon
- 4th Place in Hack Sustain Hackathon
- 5th Place in SRM Founder's Hackathon
- 5th Place in SUTD: Smorphi Competition, Singapore
- Best Team in Metaverse Project expo