

# Sanyam Kansal

Python Developer | AI & Automation | Backend Development

[Portfolio](#) · [GitHub](#) · [LinkedIn](#) · [sanyamkansal@outlook.com](mailto:sanyamkansal@outlook.com)

## PROFILE

Python developer with hands-on experience building and deploying AI-powered web applications. Passionate about solving real-world problems through automation and intelligent systems.

## TECHNICAL SKILLS

<b>Languages:</b>	Python, C++, C, JavaScript, HTML, CSS
<b>Frameworks &amp; Tools:</b>	Flask, Git, GitHub, VS Code, Linux
<b>AI &amp; Cloud:</b>	Gemini AI API, Google Cloud, Oracle Cloud Infrastructure, Generative AI
<b>Databases:</b>	MySQL, SQLite
<b>Other:</b>	REST APIs, Web Scraping, Automation, Cybersecurity Fundamentals

## PROJECTS

### FarmWise — Multilingual AI Agricultural Assistant

[GitHub](#) | [Live Demo](#)

Flask · Gemini AI · Google Translate API · OpenWeatherMap · Vercel

- Built a full-stack web app delivering AI-powered crop recommendations and weather forecasts in 5 Indian languages (Hindi, Punjabi, Tamil, Telugu, English)
- Integrated Gemini 2.5 Flash API for natural language agricultural advice with voice input/output support
- Implemented real-time weather data via OpenWeatherMap API with location-aware crop suggestions
- Deployed on Vercel with a responsive dashboard; supports farmers with limited tech literacy via voice interaction

### AI Voice Agent

[GitHub](#)

Python · Speech Recognition · Text-to-Speech · AI APIs

- Building a voice-enabled AI agent that processes natural language commands via speech input
- Integrating speech recognition and TTS libraries to create a conversational interface — work in progress

## CERTIFICATIONS

- Oracle Cloud Infrastructure 2025 AI Foundations Associate** Oct 2025  
Oracle
- Introduction to Generative AI** Oct 2025  
Google Cloud
- Google Arcade — Skill Badges & Season Completion** 2025  
Google
- Introduction to Cybersecurity** Aug 2025  
Cisco Networking Academy

## ACHIEVEMENTS & COMPETITIONS

- JuniorSkills Championship 2021 — Mobile Robotics (Round 2 & 3)**  
National Skill Development Corporation · National level competition

## EDUCATION

### Bachelor of Technology — Computer Science and Engineering

Aug 2025 – Aug 2029

Meerut Institute of Engineering and Technology (MIET), Meerut, India