

# Nivesh Gajengi

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## Profile

Student at **JNTUH** with a deep passion for **cybersecurity, blockchain, and web development**. Serving as the **Algorand Blockchain Tech Lead at JNTU Campus**, with hands-on expertise in both **Algorand and Solana development** and proficiency in **React Native**. Also experienced in fine-tuning various AI models, scraping data, leveraging large language models to gather data, and summarizing complex information into actionable insights.

## Education

### B.Tech in Artificial Intelligence and Machine Learning

Jawaharlal Nehru Technological University [🌐](#)  
2023 – present | Hyderabad

### Intermediate in PCM

Buds Public School  
2021 – 2023 | Dubai, UAE

### High School

Shree Swaminarayan Gurukul International School Hyderabad  
2019 – 2021 | Hyderabad

## Skills

### Programming

C, C++, Java, Python, Rust, PHP, Javascript,

### CyberSecurity

Network Pentester, Web App Security, Digital Forensics, Blockchain, Cryptography, Malware Analysis

### Operating Systems

Linux & Windows

### Database Management

MongoDB, Supabase, MySQL

### Tools & Frameworks

Burpsuite, IDA Pro, Ghidra, NextJS, Vite, React-Native, Algokit, Ganache

### Leadership & Community

Event Management, Public Speaking, Mentorship

## Projects

### Hawk-AI

*Windows Login Monitoring System*

Developed a native and web application for Windows that monitors user logins for suspicious activities and automatically generates and emails detailed reports—all within 36 hours at a hackathon.

### Vertex

A college social platform that connects students and alumni, featuring a marketplace for buying and selling, photo sharing, and community interactions to enhance campus engagement.

### RVC Voice Clone Models [🌐](#)

Developed a high-fidelity voice cloning model using Retrieval-based Voice Conversion (RVC) on Hugging Face, achieving natural-sounding synthesis from just 5 minutes of training data.

### Campus Chatbot

An AI-powered assistant integrating **Gemini API** and **RAG (Retrieval-Augmented Generation)** to provide accurate and contextual answers to campus-related queries.

### Developer Portfolio [🌐](#)

is a personal portfolio website that showcases my expertise as a full-stack developer. It serves as both a digital resume and a platform to share insights, creative solutions, and innovative digital experiences.

## Languages

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### English

Fluent

### Telugu

Native/Bilingual

### Hindi

Proficient

### Arabic

## Certificates

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### IBM Machine Learning

I developed a solid foundation in machine learning, mastering unsupervised, supervised, deep, and reinforcement learning techniques. I also gained hands-on experience with time series and survival analysis, deepening my understanding of key algorithms and best practices to tackle real-world AI challenges.

### Google Cybersecurity

I earned the Google Cybersecurity Certificate by completing eight hands-on courses designed to prepare me for entry-level roles. I built a solid foundation in Python, Linux, and SQL, and gained practical experience with SIEM and IDS tools. This program equipped me to identify and mitigate common cybersecurity risks and vulnerabilities effectively.


### Google IT Automation with Python

I completed a six-course certificate that honed my skills in Python, Git, and IT automation. I learned to script automation for IT support, manage code with Git, troubleshoot complex issues, and leverage cloud technologies—all essential for advancing in IT support and systems administration.

### Python for Everybody

I built on my Python foundation to master essential programming concepts like data structures, network APIs, and databases. My capstone project allowed me to design and build applications for data retrieval, processing, and visualization.

### Machine Learning

I completed the Machine Learning Specialization by DeepLearning.AI  and Stanford University. I mastered modern techniques in supervised learning (including regression, neural networks, and decision trees), unsupervised learning (like clustering and anomaly detection), recommender systems, and reinforcement learning—gaining hands-on skills and best practices to tackle real-world challenges.