

# AKSHITHA VANGARI

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## Python Full-Stack Developer | Django & Web Development

Aspiring Python Developer with hands-on experience in Django, Flask, and full-stack web development. Skilled in backend development, REST API integration, multi-process architecture, threading, debugging, testing, and secure data handling. Strong problem-solving abilities, collaborative mindset, and attention to detail. Experienced in server-side development, system integrity, and integrating APIs and tools to meet user requirements..

## EDUCATIONAL DETAILS

**Master of Computer Applications (MCA)**- Raja Bahadur Venkata Rama Reddy Institute of Technology, Hyderabad. Expected Graduation: 2025

SGPA (SEM III) : 8.75

**Bachelor of Science (B.Sc.)** - Sri Adarsh Degree College, Hyderabad, 2023.

Major: Mathematics, Physics, Computer Science.

CGPA: 9.06

**TSBIE XII** - Sri Adarsh Junior and Degree College, Hyderabad, 2020.

Major: Mathematics, Physics, Chemistry.

Percentage: 97.0%

**SSC X** - Sri Nalanda Grammar High School, Hyderabad, 2018.

GPA: 10.0

## TECHNICAL SKILLS

- Programming:** Python (Proficient), C (Advanced), C++ (Intermediate), Java (Intermediate)
- Backend Development:** Django (Python Framework)
- Frontend Development:** HTML, CSS, JavaScript
- Databases:** MySQL, SQLite3, SQL
- Tools & Others:** Git, API Integrations, Tool Integrations, Microsoft Office Suite, Basic DevOps Integration

## PROJECTS

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### InternPe Internship Projects (Python Programming Intern | May–Jun 2024)

**Title:** PYTHON MINI PROJECTS (SNAKE GAME, DIGITAL CLOCK, TIC TAC TOE)

**Role:** Python Developer Intern – Individual Projects

**Responsibilities:**

- Developed mini projects using Python and Tkinter, implementing multi-process logic, input validation, and turn-based controls for console and GUI applications.
- Applied debugging, testing, and problem-solving to optimize program flow and enhance responsiveness.

- Demonstrated analytical thinking and attention to detail in designing GUI and console interfaces.

## **Academic Project | MCA (Apr – Jul 2025)**

**Title:** DARKNET TRAFFIC ANALYSIS

**Role:** Full Stack Developer – Individual project

**Responsibilities:**

- Developed a Django-based application to classify Onion Service Tor traffic using ML algorithms (Logistic Regression, Decision Tree, Random Forest).
- Designed backend modules with multi-threaded processing, REST APIs, and server-side logic for real-time prediction and visualization.
- Ensured system integrity, secure data handling, and reliability through careful debugging and testing.
- Practiced collaboration and communication skills during code reviews and data analysis.

## **IBM Frontend Web Development Internship Project (Aug – Oct 2025)**

**Title:** MOVIE REVIEW & RATING PLATFORM

**Role:** Frontend Developer – Individual Project (IBM Virtual Internship)

**Responsibilities:**

- Built an interactive web platform using HTML5, CSS, JavaScript, and OMDB API.
- Integrated API calls and local storage to manage dynamic movie data and persistent user ratings.
- Applied attention to detail, problem-solving, and debugging to ensure accurate data handling and responsive UI.
- Developed collaboration and time-management skills while coordinating internship deliverables.

## **Python Full Stack Projects**

### **1. Title: AADHAAR MANAGEMENT SYSTEM**

**Role:** Full Stack Developer – Individual Project

**Responsibilities:**

- Developed a Django-based application for Aadhaar registration and verification.
- Implemented server-side logic, OTP authentication, QR code generation, and email verification workflows.
- Ensured system integrity, data protection, and secure API integration.
- Applied analytical thinking and problem-solving to design modular and scalable backend workflows.

### **2. Title: BANK MANAGEMENT SYSTEM**

**Role:** Full Stack Developer – Individual Project

**Responsibilities:**

- Built a Flask-based banking system handling authentication, fund transfer, and transaction history modules.
- Implemented multi-threaded server-side processes, secure data handling, and error checking.
- Practiced collaboration, debugging, attention to detail, and problem-solving throughout the project.

- I ensured smooth backend integration and efficient database operations.

## CERTIFICATIONS

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### **Infosys Pragati: Path to Future – Cohort 5**

**Infosys Springboard | Apr 2025 – Jul 2025**

- Successfully completed the cohort program by participating in assignments and professional development activities focused on career readiness, industry best practices, and skill enhancement.

## EXTRA CURRICULAR ACTIVITIES & ACHIEVEMENTS

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- Attended IIT Bombay industry sessions on AI-powered cybersecurity, autonomous navigation, medical imaging, predictive maintenance, and energy forecasting.
- Runner-up, Vedic Math Cricket Tournament (2015).
- Participant, National IT Quiz at Bankatlal Badruka College.