

# VENKATA SANJAY NELAPATI

Ummadivaram, Andhra Pradesh - 522647

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## Summary

Electronics and Communication Engineering graduate with specialized training as a Python Full Stack Developer, experienced in both frontend and backend technologies including HTML, CSS, Python, Django, and SQL. Built scalable web applications through hands-on projects and internships. Passionate about developing efficient, user-focused solutions and eager to contribute to a fast-paced software development team.

## Education

**Chalapathi Institute Of Technology**

*Bachelor of Technology in Electronics and Communications Engineering*

**Dec. 2021 – Apr. 2025**

*Guntur, Andhra Pradesh*

**Narayana Junior College**

*Intermediate (MPC)*

**Jun. 2019 – Apr 2021**

*Guntur, Andhra Pradesh*

## Technical Skills

**Frontend:** HTML, CSS

**Backend:** Python, Django

**Libraries:** pandas

**Databases:** SQL (ORACLE)

## Projects

**Virtual Reality Based System for Flood Rescue Management**

**Apr. 2025**

- Designed a flood detection system using Arduino-based sensors to monitor water levels in real time.
- Integrated GSM/LoRa communication modules to send early warning alerts to rescue teams and local authorities.
- Developed a Virtual Reality (VR) interface to simulate flood scenarios for rescue training and planning.
- Implemented real-time monitoring and alert system to support timely evacuation and disaster response.
- Focused on creating a cost-effective, scalable solution for flood-prone and resource-limited areas.
- Technologies Used:** Arduino, Sensors (Ultrasonic/Water level), Embedded Systems

## Work Experience

**YuWaah Generation (Supported by UNICEF)**

**June 2023 – August 2023**

*Financial Literacy Intern*

*Remote/India*

- Promoted financial literacy among youth by creating awareness on budgeting, saving, investing, and debt management.
- Conducted interactive sessions and workshops focused on personal finance education and smart money habits.
- Empowered participants to make informed financial decisions for long-term financial well-being.
- Contributed to the broader mission of financial inclusion and youth empowerment.

## Training

**JSPIDERS JNTU**

**Feb 2025 – present 2025**

*Python Full Stack Developer Trainee*

*Hyderabad*

- Still ongoing 6-month intensive hands-on training covering Python, Django, HTML, CSS, JavaScript, SQL.
- Built responsive web sites with backend and database integration.
- Practiced over 100+ coding problems on Python, and SQL.

## Certificates

- Financial Literacy Certification – UNICEF (YuWaah Generation)

**Aug 2023**

## Extracurricular Activities

- Anchoring Participant – Udghosh 2K23 Technical Cultural Fest at Chalapathi Institute of Technology
- Paper-Presentation – Udghosh 2K23 Technical Cultural Fest at Chalapathi Institute of Technology
- I Secured 2nd position in collage level Essay Writing competition

**Mar 2023**

**Mar 2024**

**Mar 2023**