

# Sana

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## EDUCATION

**Institute of Aeronautical Engineering**  
*B.Tech - Information Technology (CGPA - 8.57)*

Hyderabad, IN  
*Nov. 2021 – Present*

**Vignan Junior College**  
*Intermediate - MPC (Percentage - 93.0)*

Shadnagar, IN  
*June 2019 – Mar 2021*

**Omkar Sahithi Vidyalaya**  
*SSC (CGPA - 9.5)*

Shadnagar, IN  
*Mar 2019*

## PROJECTS

**Smart Plant Care** | *Machine Learning, IoT, Arduino*

July 2024

- Developed an IoT system with integrated machine learning for real-time plant monitoring and optimized irrigation, implementing automated controls to enhance plant growth and resources efficiency.

**Language Translator** | *Python, Tkinter, Google API*

Feb 2024

- Implemented the Google Cloud Translation API with an intuitive user interface for easy text input and language selection, optimizing performance through caching mechanisms and API usage monitoring.

**Task Scheduler** | *JavaScript, HTML, CSS, GitHub*

Dec 2023

- Enhanced application scalability and flexibility using HTML, CSS, and JavaScript while improving developer experience by integrating GitHub Actions with Firebase for the Task-Scheduler project.

## SKILLS

**Languages:** Java, SQL, Python, C, JavaScript, HTML, CSS

**Frameworks:** React, Node.js, Bootstrap

**Developer Tools:** Git, GitHub, VS Code, Eclipse, Jupyter Notebook

**Soft Skills:** Adaptability, Problem Solving, Leadership, Interpersonal Skills

## CERTIFICATES

- Attained NPTEL certification for exceptional proficiency in Python for Data Science.
- Earned Zscaler certification in Introduction to Networking for Cyber Professionals and Fundamentals of Cybersecurity (EDU-102), awarded by Zscaler Academy.
- Certificate of completion of Introduction to Machine Learning course, awarded by AWS.
- Attained a certificate of completion of Python Basics and Data Structures, issued by Infosys Springboard.
- Student-level credential for completing Python Essentials I, II, and Introduction to Cybersecurity courses, provided by Cisco Networking Academy.
- Certificate of completion of Java Programming courses, issued by Infosys Springboard and Udemy.
- Certificate of completion of MySQL Basics and Front-End Development (HTML) courses, provided by Great Learning Academy.
- Internship completion certificate on Amazon Web Services, issued by National Small Industries Corporation (NSIC).
- Certificate of WD101-JavaScript, issued by Pupilfirst in partnership with AICTE-LITE.
- Certificate of Virtual Internship in Android Development (by Google) and Cybersecurity (by Palo Alto Networks), awarded by Eduskills-AICTE.

## ACHIEVEMENTS

- Awarded Silver Level Badges-Python, SQL, Problem Solving in Hackerrank.
- Solved 125+ problems on Leetcode and Earned a highest rating of 1500+ on Codechef.
- Secured AIR 1114 in the CN Founders Invitation Challenge organized by Coding Ninjas.
- Led a team in the 36-hour FrostHacks hackathon to create a language translator, providing a GUI for effective text translation using Google Cloud Translation API.
- Participated in a 24-hour hackathon on Amazon Web Services organized by MLR Institute of Technology.