

THADKAPALLY SAIKIRAN

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EDUCATION

Bachelor of Technology in Information Technology
CMR Engineering College - JNTUH Hyderabad, India

2020-2023
CGPA: 6.29

TRAINING & INTERNSHIP EXPERIENCE

Python Full Stack Developer Intern | Codegnan Destination, Hyderabad | October 2024 - March 2025

- Developed responsive web applications using HTML, CSS, JavaScript, and Bootstrap for the front end, alongside Python, Flask, and MySQL for back-end development.
- Implemented dynamic routing, request handling, and Jinja2 templating in Flask; performed API testing with Postman and integrated Razor pay for secure payment processing.
- Enhanced user interfaces with Font-Awesome and deployed projects on Netlify while applying best practices in file operations and exception handling to ensure robust performance..

PROJECTS

E-Commerce Platform (ECP): Web Application Development

- Tech Stack:** Python, Flask, MySQL, JavaScript, HTML, and CSS
- Engineered user authentication, registration, password reset, and dynamic product display features to deliver a secure and intuitive shopping experience.
- Developed a responsive Flask platform with dynamic routing, Jinja2 templating, secure sessions, robust API routes, and secret key configuration for modular, efficient code.

Student Management System (SMS): Web Application Development

- Tech Stack:** Python, Flask, MySQL, HTML, CSS, Bootstrap, Jinja2
- Developed a secure CRUD-based application for managing student records, including user authentication and data export to Excel, with responsive UI
- Implemented session handling and flash messaging to enhance user experience and ensure secure interactions

E-commerce Email Automation & OTP Verification System

- Tech Stack:** Bootstrap, Jinja2 Templating, Python, Flask, SMTPLib, Email.MIME, TLS, Server-side Validation
- Automated multi-recipient email workflows using SMTPLib and MIME, integrating dynamic content (product details, delivery dates) and 5-digit OTP generation
- Implemented Flask-driven web interface with session-based multi-step forms, Bootstrap/Jinja2 templates for dynamic UI, and server-side OTP validation

TECHNICAL SKILLS

- Front-End Development:** HTML, CSS, Jinja2, Bootstrap
- Back-End Development:** Python, Flask, JavaScript, Node.js
- Databases:** MySQL
- Tools:** IDLE, Git, Collab, VS Code

CERTIFICATIONS

- Certified in Python:** Achieved certification from HackerRank.
- Certified in MySQL:** Completed certification through HackerRank.
- Certified in Basic Data Science:** Earned certification from UnSchool.
- Certified in Excel for Beginners:** Acquired certification from Great Learning.