THADKAPALLY SAIKIRAN

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EDUCATION

Bachelor of Technology in Information Technology   **2020-2023**

CMR Engineering College - JNTUH Hyderabad, India

TRAINING & INTERNSHIP EXPERIENCE

Python Full Stack Developer Trainee | Codegnan Destination IT Solutions, 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.

LogiRegServerCRUD: Full-Stack User Authentication & Management System

- **Tech Stack:** HTML, CSS, Bootstrap, JavaScript (ES6+), Axios, JSON Server
- Developed a user login and registration system with robust validations using Regex, integrated with a mock JSON server for CRUD operations (GET, POST, PUT, DELETE).
- Utilized modern JavaScript (ES6+ features like async/await) and Axios for asynchronous API calls, implementing a responsive UI with HTML, CSS, and Bootstrap

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, Restful API's
- **Databases**: MySQL DB
- **Tools**: IDLE, Git, Collab, VS Code, Netlify/AWS, Font-Awesome

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.