

ENGILI ARAVIND

2-101 Sriramulapally, Jammikunta, Karimnagar 505122

• 9182265725 • engiliaravind3@gmail.com • linkedin.com/in/aravind-engili-283a99282 • github.com/EngiliAravind

Objective

To obtain a challenging position as a Python Full Stack Developer where I can leverage my skills in Python, Django, React.js, and modern web technologies to build scalable, user-focused applications and contribute meaningfully to a dynamic development team.

Education

Marri Laxman Reddy Institute Of Technology And Management

B.Tech in Electronics and Communication Engineering

Nov 2021 – May 2025

Hyderabad, Telangana

Relevant Coursework

- Python
- Database Management
- Digital Signal Design
- Machine Learning
- VLSI
- Embedded Systems

Experience

Codegnan IT Solutions

Python Full Stack Trainee

June 2025 – Present

Hyderabad, Telangana

- Developed and maintained web applications using Python (Django/Flask) for backend and React.js/HTML/CSS/JavaScript for frontend development.
- Built and consumed RESTful APIs, implemented authentication and authorization features using Django's built-in mechanisms and third-party libraries.
- Integrated relational (PostgreSQL, MySQL) and non-relational (MongoDB) databases, including writing complex queries, schema design, and using ORMs such as Django ORM and SQLAlchemy.
- Collaborated using tools like GitHub, followed Agile development practices, and participated in code reviews and daily stand-ups.

Projects

Human Scream Detection and Analysis for Controlling Crime Rate | Python, pandas, Machine Learning Feb 2025

- Collected and preprocessed audio data to identify human screams using signal processing techniques.
- Extracted features like MFCC and trained ML models (SVM, Random Forest) for accurate scream detection.
- Implemented real-time scream detection system for use with microphones or surveillance audio.
- Analyzed detection patterns to highlight high-risk areas and support faster law enforcement response.

Payroll and Employee Database Management System | Python, Flask, PostgreSQL

Sep 2024

- Developed a system to securely store employee data including job roles, attendance, and salary.
- Automated salary calculations based on hours, tax rules, bonuses, and deductions.
- Ensured compliance with payroll laws including PF, ESI, and income tax deductions.

Technical Skills

Languages: Python, C, HTML/CSS, JavaScript, SQL

Developer Tools: VS Code, CodePen, Android Studio

Technologies/Frameworks: Git, GitHub, WordPress, React.js

Soft Skills

Strong communication skills

Fast learner and highly adaptable

Team player with a collaborative mindset

Good time management and task ownership

Leadership

Club-64

President

Jan 2022 – May 2024

MLRITM

- Led and organized technical and cultural events to promote student engagement and skill development.
- Coordinated with faculty and peers to plan workshops, hackathons, and guest talks.