

Harilal R

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Summary

Experienced Django Developer with over 2 years in designing and delivering scalable web applications. Proficient in Django, REST APIs, PostgreSQL, and modern frontend frameworks. Adept at writing clean, maintainable code and integrating AI features. Collaborative team player skilled in agile methodologies.

Technical Skills

- **Languages:** Python, JavaScript, React
- **Frameworks:** Django, Django REST Framework, Bootstrap
- **Databases:** PostgreSQL, MySQL, SQLite, MongoDB
- **Tools:** Git, Postman, VS Code
- **Others:** RESTful APIs, Authentication, Deployment (AWS, Vercel, Render)

Professional Experience

Zoro Tech

Django Developer

Apr 2025 – Present

Nagercoil

- Develop and maintain robust Django web applications for internal and client-facing platforms.
- Design and implement RESTful APIs with third-party service integrations.
- Collaborate closely with React frontend developers to ensure seamless backend integration.
- Manage database schema design, migrations, and optimize application performance.

Spangles Infotech

Python / Django Developer

Jan 2023 – Apr 2025

Nagercoil

- Developed user authentication systems, dashboards, and CRUD modules using Django.
- Built REST APIs consumed by mobile and frontend applications.
- Collaborated with senior developers on scalable and secure service implementations.
- Practiced version control with Git, code reviews, and agile development workflows.

Education

Diploma in Mechanical Engineering

Vaikundar Polytechnic College

2020

Pillaiyarpuram

Higher Secondary (+2) - Maths Biology

St. Joseph Hr. Sec. School

2017

Assaripallam

SSLC

Gov't High School

2015

Vembanoor

Projects

AI-Based Face Attendance System

Python, Django, face_recognition, OpenCV

2024

- Automated attendance by recognizing student faces using webcam input.
- Implemented face encoding extraction from videos and real-time face recognition.

Student Management System

2023

Django, React, PostgreSQL, REST API

- Developed role-based admin, staff, and student dashboards with attendance tracking.

Billing Software

2024

Django, PostgreSQL, REST API

- Built a Django-based invoicing system supporting GST billing, client management, and reporting.

Sign Language Recognition System

2025

Python, MediaPipe, Transformers, Django

- Implemented real-time Indian Sign Language recognition using hand landmarks and transformer models.
- Developed a Django web app that processes video input and outputs recognized text.

Brain Tumor Detection System

2025

Python, Django, TensorFlow, OpenCV

- Created a medical imaging app to detect brain tumors using CNN models.
- Integrated model into Django frontend with image upload and diagnosis features.

Construction Management Software

2024

Django, PostgreSQL, React

- Developed a real-time web app for managing workers, site tasks, materials, budgeting, and expense tracking.

Real Estate Website

2024

HTML, CSS, JavaScript, React

- Designed a static property listing platform with a modern UI, inquiry forms, and Google Maps integration.

Certifications & Interests

- Python Full Stack – One Team Solutions, Trivandrum
- Interests: Open-source contribution, backend architecture, AI-powered applications