Harilal R

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Summary

Django Developer with over 2 years of experience building scalable web applications using Django, REST APIs, PostgreSQL, and frontend technologies. Skilled in clean code practices, RESTful architecture, and integrating AI functionalities. Strong collaborator in agile environments.

Technical Skills

- **Languages:** Python, JavaScript, React

- **Frameworks:** Django, Django REST Framework,

- **Databases:** PostgreSQL, MySQL, SQLite, MongoDB

- **Tools:** Git, Postman, VS Code

- **Others:** RESTful APIs, Authentication, Deployment (Heroku, DigitalOcean)

Professional Experience

Zoro Tech Apr 2025 – Present
Django Developer *Nagercoil*

- Developing and maintaining robust Django-based web applications for internal and client-facing platforms.

- Implementing RESTful APIs and integrating third-party services.

- Collaborating with React frontend developers for seamless backend integration.

- Managing schema design, migrations, and performance optimization.

Spangles Infotech Jan 2023 – Apr 2025
Python / Django Developer *Nagercoil*

- Developed user authentication, dashboards, and CRUD modules in Django.

- Built REST APIs for mobile and frontend integration.

- Collaborated with senior developers on scalable, secure services.

- Utilized Git, participated in code reviews, and followed agile practices.

Education

Diploma in Mechanical Engineering 2020
Vaikundar Polytechnic College *Pillaiyarpuram*

Higher Secondary (+2) - Maths Biology 2017
St. Joseph Hr. Sec. School *Assaripallam*

Projects

AI-Based Face Attendance System *2024*
Python, Django, face_recognition, OpenCV

- Recognizes student faces using webcam and marks attendance automatically.
- Handles face encoding from videos and real-time recognition.

Student Management System *2023*
Django, React, PostgreSQL, REST API

- Built a role-based admin-staff-student system with dashboards and attendance.

Billing Software *2024*
Django, PostgreSQL, REST API

- Created a Django-based invoicing and billing system for small businesses.
- Supports GST billing, reports, and client management.

Sign Language Recognition System *2025*
Python, MediaPipe, Transformers, Django

- Implemented real-time Indian Sign Language (ISL) recognition using hand landmarks and transformer model.
- Built a Django web app to process video and output text.

Brain Tumor Detection System *2025*
Python, Django, TensorFlow, OpenCV

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

Construction Management Software *2024*
Django, PostgreSQL, React

- Built a web app for managing workers, site tasks, and materials in real time.
- Includes budgeting, expense tracking, and report generation.

Real Estate Website *2024*
HTML, CSS, JavaScript, React

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

Certifications & Interests

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