Harilal R

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Portfolio: harilal.vercel.app

Professional Summary

Results-driven Django Developer with 2+ years of experience designing and developing scalable web applications. Skilled in Django, Django REST Framework, React, and PostgreSQL. Experienced in API integration, clean code practices, and deploying full-stack applications. Passionate about problem-solving and delivering high-quality solutions.

Technical Skills

- **Languages:** Python, JavaScript
- **Frameworks:** Django, Django REST Framework, React
- **Databases:** PostgreSQL, MySQL, SQLite, MongoDB
- **Tools:** Git, Postman, Visual Studio Code
- **Other Skills:** REST APIs, Authentication, Deployment (Render, Vercel, AWS)

Professional Experience

Spangles Infotech, Nagercoil
Python/Django Developer   Jan 2023 – Present

- Created role-based authentication systems, dashboards, and CRUD modules.
- Developed REST APIs for mobile and web applications.
- Participated in version control, code reviews, and Agile development cycles.
- Ensured code quality and application security.

Projects

AI-Based Face Attendance System
Python, Django, OpenCV, face recognition library

- Automated student attendance using facial recognition via webcam.
- Implemented face encoding and real-time detection with OpenCV.

Student Management System
Django, React, PostgreSQL, REST API

- Created dashboards for admin, staff, and students with attendance tracking.
- Built secure login system with JWT authentication.

Sign Language Recognition System
Python, MediaPipe, Transformers, Django

- Built a real-time sign language recognition system using hand landmark data.
- Deployed a Django web app that translates video input to text output.