

Priyanshu Hemant Tawde

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SUMMARY

Passionate and detail-oriented **Django Developer** building scalable, efficient, and user-friendly web applications. Expertise in **Django, RESTful APIs, SQL, and front-end technologies**. Proven track record of collaborating with teams to deliver robust solutions within deadlines. Enthusiastic about solving challenges and contributing to innovative full-stack development projects.

TECHNICAL SKILLS

Programming Languages: Python, SQL, HTML/CSS

Frameworks & Tools: Django, Django Rest Framework, PostgreSQL, REST APIs, Git

Front-End: Bootstrap, Responsive Design

Other: Database Optimization, API Development, Debugging, Deployment

PROFESSIONAL EXPERIENCE

Django Developer

Freelance / Remote

July 2023 – Present

Thane, Maharashtra

- Developed scalable and responsive web applications using **Django** and **Django Rest Framework**.
- Implemented **RESTful APIs** for efficient data handling and integration.
- Designed and optimized SQL databases, improving query performance by 20%.
- Collaborated with front-end developers to ensure seamless UI/UX integration.
- Ensured deployment readiness and debugged critical application issues.

PROJECTS

Car Rental Management System: Developed a secure and efficient car rental platform using **Django Rest Framework**. Features include user authentication, vehicle inventory management, and RESTful APIs for smooth data exchange. Utilized **SQL Server** for backend storage. Ensured cross-browser responsiveness with **HTML/CSS**.

KFMS (File Management System): Created an enterprise-grade file management system using **Django Rest Framework** and **PostgreSQL**. Integrated approval workflows, email notifications for user actions, and secure file access controls.

RTSP Streaming (Stream Management System): Developed a real-time streaming platform leveraging **WebRTC** and **aiortc** to deliver low-latency video streams. Utilized **Django Channels** for WebSocket-based signaling and **MediaMTX** for RTSP stream conversion. Implemented dynamic stream management, secure WebSocket communication, and seamless video delivery to browsers for enterprise-level monitoring systems.

EDUCATION

B.Sc. in Information Technology

V.G. Vaze College (Kelkar), Mumbai

Aug. 2020 – June 2023

HSC in Science

V.G. Vaze College (Kelkar), Mumbai

Aug. 2019 – June 2020

SSC

ST. Lawrence High School, Mumbai

Aug. 2017 – June 2018

CERTIFICATIONS AND LANGUAGES

Languages: English, Hindi, Marathi

Certifications: Python for Web Development (Udemy), Advanced SQL Database Design (Coursera)

INTERESTS

Cricket Enthusiast | Exploring New Places | Passionate about Technology and Problem-Solving