

# RAHUL K

## Python Django Developer

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### PROFILE SUMMARY

Python Django Backend Developer with 2+ years of hands-on experience building production-ready web applications using Django, Django REST Framework, PostgreSQL, and React. Strong experience in designing REST APIs, implementing authentication and role-based access control, optimizing database queries, and integrating React frontends for admin and user dashboards. Proven ability to take ownership of backend logic while collaborating closely with frontend development to deliver complete, scalable solutions.

### EXPERIENCE

#### Python Django Developer

*Techfif0 Innovations LLP, Palakkad*

2023 – Present

- Designed, developed, and deployed scalable web applications using **Python, Django, and Django REST Framework**, taking ownership of backend architecture and API design..
- Developed and maintained **25+ RESTful APIs** supporting admin, staff, and end-user workflows, including CRUD operations, validations, and permission handling.
- Integrated backend APIs with **React-based frontends**, enabling dynamic dashboards, form handling, and real-time data rendering..
- Implemented **authentication, authorization, role-based access control, and protected routes** across backend and frontend.
- Designed and optimized **PostgreSQL and MySQL database schemas**, improving query performance and API response times.
- Collaborated with cross-functional teams to deliver **client-focused solutions within strict project timelines**.

### SKILLS

- Programming Languages: **Python, JavaScript, SQL**
- Web Frameworks: **Django, Django REST Framework**,
- Frontend Development: **React, HTML5, CSS3, JavaScript, Bootstrap, AJAX, jQuery**
- Databases: **PostgreSQL, MySQL, SQLite**
- Tools & Platforms: **Git, GitHub, Postman, VS Code, PyCharm**
- Core Expertise: **RESTful API Development, Authentication & Authorization, MVT Architecture, Responsive Web Design, Software Deployment**
- Familiar With: **Agile Development, Debugging & Testing**

### EDUCATION

- **BE Computer Science and Engineering** (Anna University) 2019 - 2023
- **Higher secondary** (Kerala State Board) 2017 – 2019

### PROJECTS

1. **KKMS – Matrimonial & Membership Management Website (Django, MySQL, Bootstrap, JavaScript)**
  - Developed a full-scale matrimonial and membership management platform with separate user and admin dashboards, handling profile management, matchmaking workflows, and membership lifecycle.

- **Designed and implemented membership plans with automated payment tracking, renewal alerts, and status updates, reducing manual follow-ups for administrators.**
  - **Integrated WhatsApp and email notifications for membership reminders and transaction confirmations, improving user engagement and response rates.**
  - **Built secure backend logic using Django authentication and role-based access control to protect user data and admin operations.**
2. **Safe Gym – Fitness Membership & Payment Management System (Django, MySQL, Bootstrap, JavaScript)**
- **Built a gym management system for membership, payments, and financial tracking.**
  - **Implemented membership break/unbreak, receipt generation, overdue tracking, and payment history.**
  - **Developed profit/loss and expense reporting modules for admins.**
  - **Integrated WhatsApp notifications for payment reminders and member communication.**
3. **DesignTech – Quotation Generation & Management System (Django, PostgreSQL, Bootstrap, JavaScript)**
- **Developed a quotation management system for creating, managing, and tracking client quotes.**
  - **Implemented PDF generation** for printable and downloadable quotations.
  - **Designed admin and staff dashboards** for managing customers, quotation templates, and pricing details efficiently.
  - **Built admin and staff dashboards** for managing customers, templates, and pricing.
  - **Added tax, discount, and total auto-calculation**, along with search and filters.
  - **Enabled secure user authentication** and role-based access control for data confidentiality.
4. **Inbuilt Software Construction Management System (React, Django REST Framework, PostgreSQL)**
- **Developed an inbuilt construction management system using Django REST Framework and React.**
  - **Built a React-based frontend** for managing projects, stages, and workflows.
  - **Developed REST APIs** for handling business logic and data flow.
  - **Implemented role-based access control** and managed data using PostgreSQL.

## ACHIEVEMENTS

- **Successfully delivered 6+ production-ready web applications** across domains including matrimonial, fitness, education, and construction management within tight deadlines.
- **Improved backend performance** by optimizing database queries and REST API response times.
- **Automated multiple manual business processes** by developing custom web-based solutions, improving operational efficiency.

## LANGUAGES

- **English (Fluent)**
- **Malayalam (Native)**
- **Tamil (Fluent)**