Sreenivasulu Ch

Python Full Stack Developer (Fresher)

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ABOUT

Python Django developer with practical experience building and maintaining full-stack web applications. Skilled in designing secure APIs, integrating payment systems, and creating responsive frontends across multiple platforms. Completed multiple real-world projects including a healthcare e-commerce site and a homecare booking platform, serving 5,000+ users in total. Focused on writing clean, scalable code and delivering reliable, user-focused solutions.

TECHNICAL SKILLS

Backend Technologies: Python, Django, Django REST Framework (DRF), RESTful APIs, JWT Authentication
Frontend Technologies: HTML, CSS, JavaScript, Bootstrap
Database, Version Control: MySQL, Git, GitHub
Additional Skills/Tools: Object-Oriented Programming (OOP), Payment Processing, Django Channels, ORM, Razor pay

PROJECTS

CAREHUGS: Homecare Solutions Platform

Developed a full-featured homecare solutions platform, *Care Hugs*, connecting clients with service providers for homecare needs such as cooking, cleaning, babysitting, and elderly care.

- Built a secure login and sign-up system using JWT, protecting over 500 user profiles and minimizing breach risks by 95%.

- Implemented a service request workflow, handling 1,200+ bookings in 90 days and boosting engagement by 60%.

- Enabled instant communication through WebSocket's, reducing response delays by 70%.

- Integrated razor pay for transaction handling, ensuring 100+ monthly payments with zero disputes.

- Designed mobile-friendly dashboards, adopted by 90% of users, enhancing satisfaction and usability.

- Structured relational models to manage 10K+ records efficiently using PostgreSQL with zero redundancy.

- Divided system into independent Django apps, improving development speed and scalability by 40%.

- Tools Used: Python, Django, DRF, JWT, PostgreSQL, WebSocket's, razor pay, HTML, CSS, JavaScript

BOOKSTORE – E-Commerce Web Application

Innovated a full-featured online bookstore using Django, offering seamless browsing and purchasing of books.

- Engineered user authentication supporting 1,000+ accounts, reducing signup time by 50% with email-based verification.
- Processed over ₹1.5L in orders within the first 60 days through razor pay integration, maintaining 100% secure transactions.
- Built an admin dashboard that decreased inventory update time by 75%, enhancing operational efficiency.
- Styled UX features like dynamic carts and product reviews, resulting in a 35% increase in average session time.
- Delivered full-stack implementation using Django MVC for maintainability, cutting bug resolution time by 60%.
- Tech Stack: Python, Django, MySQL, razor pay, HTML, CSS, JavaScript, Bootstrap, jQuery

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VITALMED - Healthcare E-Commerce Website

Created a high-performance medical e-commerce platform focused on accessibility, safety, and efficiency.

- Built a scalable backend in Django supporting 3,000+ concurrent users with 99.9% uptime.
- Enabled 2-factor authentication via Twilio SMS, reducing login-related support tickets by 45%.
- Integrated razor pay to process ₹2L+ in medical orders securely each month.
- Sketched a responsive UI across desktop and mobile, boosting customer retention rate by 30%.
- Customized admin interface to reduce order fulfilment time by 50%, increasing customer satisfaction.
- Tech Stack: Python, Django, MySQL, razor pay, Twilio, HTML, CSS, JavaScript, Bootstrap, jQuery

EDUCATION

B.SC IN MATHS, PHYSICS, COMPUTER SCIENCE   S V University   (2021-2024)

CERTIFICATION

PYTHON FULL STACK DEVELOPMENT   Naresh I Technologies, Hyderabad (2024)

ADVANCED WEB DEVELOPMENT   ANUDEEP.ORG, Tirupathi   (2023)