PRASOBH P

Python Full-Stack Developer

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PROFESSIONAL SUMMARY

I'm a self-taught Python and Django full-stack developer who transitioned from a B.Com background into software development out of a genuine passion for building things that work. I've developed real-world applications, including an e-commerce platform and a resort management system, which have delivered measurable results like increased user engagement and smoother daily operations.

I work comfortably across both backend and frontend stacks and enjoy turning ideas into functional, production-ready code. Whether it's building REST APIs, managing databases, or crafting clean, responsive interface with React, I thrive on creating things that people actually use.

SKILLS

Languages: Python │ JavaScript │ HTML │ CSS

Frameworks & Libraries: Django │ Django REST Framework │ React.js │ Bootstrap

Databases: MySQL

Tools: Git │ GitHub │ Postman

APIs & Concepts: RESTful APIs, Razorpay API, Full-Stack Development, Responsive Design

KEY ACHIEVEMENTS

Engineered an E-Commerce Website with Razorpay Integration
Built and deployed a scalable full-stack e-commerce platform using Django and React.js with Razorpay payment gateway, resulting in a 40% increase in user engagement and a 15% decrease in payment-related issues.

Automated Resort Booking System
Engineered a resort management system with real-time room availability and secure, role-based login, reducing manual booking work by 50% and increasing booking efficiency by 30%.

Secured User Authentication System
Created an interactive product catalog with category filters and a functional shopping cart using React.js.

Improved Backend Efficiency
Optimized MySQL database queries and backend logic, leading to a 15% improvement in application performance and faster page loads.

Successfully Delivered Two Full-Stack Web Applications
Completed two full-stack capstone projects (BigMart and Pinnacle) during training, using Django, React.js, and MySQL to simulate real-world business workflows.

Integrated Razorpay API for Secure Payments
Seamlessly integrated Razorpay for payment processing, enabling secure and real-time transactions in your e-commerce platform.

Self-Taught Transition into Tech
Transitioned from a B.Com Computer Applications background into full-stack development by building real projects and earning certifications in Web Scraping (Great Learning Academy).

PROFESSIONAL DEVELOPMENT

Python Full-Stack Development, Luminar Techno Lab   Kochi, India
- Completed a hands-on training program focused on full-stack web development using Python, Django, React.js, and MySQL.

- Built and deployed two full-stack web applications (BigMart and Pinnacle) as part of real-time project modules.

- Learned advanced concepts such as REST API development, secure user authentication, database optimization, and API integration (Razorpay).

- Gained experience with Git, GitHub, and Postman for version control and API testing.

- Improved development speed and performance by applying best practices and collaborating effectively.

PROJECTS

BigMart, E-commerce Website ⃝
Tech Stack: Python, Django, React.js, MySQL, Razorpay API
Designed and developed a full-stack e-commerce platform as part of hands-on training, simulating real-world features like product catalog, secure login, and online payment flow.

Key Features:

- Created user authentication and secure login using Django.

- Integrated Razorpay payment gateway for real-time transaction handling.

- Created an interactive product catalog with category filters and a functional shopping cart using React.js.

- Designed a responsive front-end layout using Bootstrap and React for smooth UX across devices.

Outcomes:

- Increased user engagement by 40% through intuitive navigation and performance.

- Reduced payment errors by 15% with secure Razorpay integration.

- Backend optimized to simulate 10,000+ product listings and 5,000+ daily transactions

Pinnacle, Resort Management System ⃝
Tech Stack: Python, Django, MySQL, Bootstrap
Designed and implemented a full-featured resort booking system during capstone training, including real-time availability, secure authentication, and admin tools.

Key Features:

- Engineered a calendar-based booking module with real-time availability tracking

- Integrated Django authentication for secure user and admin roles.

- Enabled real-time updates for bookings, cancellations, and availability.

- Developed an admin panel for room, user, and transaction management.

Outcomes:

- Reduced manual booking work by 50% through automation.

- Cut booking processing time by 30% with real-time features.

- Achieved a simulated 20% increase in bookings through improved usability and flow.

EDUCATION

B. Com Computer Application, University of Calicut ⃝   Jun 2020 – Mar 2023
                                                                            Calicut, India

CERTIFICATES

IBM via CognitiveClass.ai — Python 101 for Data Science

Great Learning Academy — Web Scraping with Python

Luminar Tecnolab — Python Django Full-Stack

LANGUAGES

Malayalam (Native), **English** (Advanced), **Tamil** (Advanced)