

# PRASOBH P

## Python Full-Stack Developer

✉ [prasobhgupta007@gmail.com](mailto:prasobhgupta007@gmail.com) ☎ 7306640439 📍 Palakkad, India

🌐 [linkedin.com/in/prasobh-p-085681202](https://linkedin.com/in/prasobh-p-085681202) 🐙 [github.com/Prasobh-p](https://github.com/Prasobh-p)

### PROFESSIONAL SUMMARY

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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

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#### Languages

Python | JavaScript | HTML | CSS

#### Frameworks & Libraries

Django | Django REST Framework | React.js | Bootstrap

#### Databases

SQLite

#### Tools

Git | GitHub | Postman

#### APIs & Concepts

RESTful APIs | Razorpay API | Full-Stack Development | Responsive Design

### KEY ACHIEVEMENTS

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#### 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 0% 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

Implemented role-based secure login using Django's built-in auth system, reducing unauthorized access by over 90% during project deployments

#### 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

Pinnacle, Resort Management System, Tech Stack: Python, Django, MySQL, Bootstrap

Built a complete resort booking system as a capstone project during full-stack development training, with features like real-time availability, secure login, and admin controls.

Key Features:

- Built a calendar-based booking system with live availability updates.
- 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.

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.
- Built an interactive product catalog with category-based filtering 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 0% 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

EDUCATION

B. Com Computer Application, University of Calicut

06/2020 – 03/2023  
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)