

Praveen Kumar

Web Developer — Python Developer

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PROFESSIONAL SUMMARY

Results-driven Python and Web Developer with 2+ years of experience in backend and full-stack development. Strong expertise in Python, PHP, REST API development, automation, and database-driven applications. Experienced in building scalable enterprise systems, AI-powered applications, face recognition solutions, and trading automation tools. Adept at working with cross-functional teams and delivering high-performance, secure, and maintainable software solutions.

CORE COMPETENCIES

- Backend Development and API Design
- Python Automation and Scripting
- Web Application Development
- Database Design and Optimization
- AI and Computer Vision Solutions
- System Integration and Debugging
- Performance Optimization
- Secure Coding Practices

TECHNICAL SKILLS

- **Programming Languages:** Python, PHP, JavaScript
- **Python Libraries:** OpenCV, Pandas, NumPy, Matplotlib, Tkinter
- **Web Frameworks:** Laravel, CodeIgniter
- **Frontend Technologies:** HTML5, CSS3, JavaScript, Bootstrap, jQuery, React.js, AJAX
- **Databases:** MySQL, SQLite
- **Tools:** Git, GitHub, Postman, Composer
- **Servers:** Apache, Nginx
- **Other:** REST APIs, Automation Scripts, AI Chatbots, Data Handling

PROFESSIONAL EXPERIENCE

Backend Developer — Ardhas Technology India Pvt Ltd

June 2024 – Present

- Developed and maintained scalable backend systems using Python and PHP.
- Designed RESTful APIs for enterprise applications and third-party integrations.
- Implemented automation scripts to reduce manual processing time.
- Optimized database queries to improve system performance and response time.
- Collaborated with frontend and QA teams to deliver production-ready features.

Backend Developer — Senchola Technology Solutions

June 2023 – June 2024

- Built backend modules using PHP, CodeIgniter, and Laravel.
- Developed custom WooCommerce plugins and third-party API integrations.
- Worked on enterprise projects including HRMS, CRM, logistics, and booking systems.

- Implemented authentication, role-based access control, and data validation.
- Provided production support, bug fixes, and system enhancements.

PROJECTS

- **Python Chatbot:** Developed an intelligent chatbot using Python and NLP to automate customer interactions and query handling.
- **Face Recognition Attendance System:** Built a real-time face recognition system using Python and OpenCV with Haar Cascade for attendance tracking.
- **Trading Automation Application:** Created an automated trading bot using Zerodha Kite Connect API to place stock orders and execute strategies programmatically.
- **RBI HRMS System:** Contributed to the development of a Human Resource Management System for the Reserve Bank of India.
- **Room Booking System:** Designed a PHP-MySQL based hotel room booking application with real-time availability and booking management.
- **Custom WooCommerce Integrations:** Automated order processing and shipment tracking for warehouse and logistics systems.
- **Bus Tracking System:** Implemented GPS-based tracking with route management and live notifications.

CERTIFICATIONS & ACHIEVEMENTS

- Internship in Artificial Intelligence and Machine Learning.
- Gold Medalist – Diploma in Computer Engineering.
- Successfully delivered multiple enterprise-grade applications.

SOFT SKILLS

- Problem Solving
- Analytical Thinking
- Team Collaboration
- Time Management
- Communication Skills
- Adaptability

EDUCATION

- **Bachelor of Engineering in Computer Science** — Oxford Engineering College, Tiruchirappalli (2023 – 2026)
- **Diploma in Computer Engineering** — Seshasayee Institute of Technology, Tiruchirappalli (2020 – 2023)
- **SSLC and HSC** — Infant Jesus School, Tiruchirappalli