

Shubham Sharma



+91 9368238758



shubhamiagent@gmail.com



LinkedIn

Senior Full Stack Python & Agentic Ai Developer | Automate workflows | Ollama Model Integration Specialist



Education



BCA from Glocal University,
Saharanpur, 2017



Core Competencies

- Agentic Workflow Design
- Advanced Prompt Engineering
- WordPress API Integration
- Custom Node Development
- Database Optimization Techniques
- Automated Content Generation
- Cross-browser Compatibility
- AI Data Extraction
- Automation Task Analysis
- Secure Key Management
- Requirement Gathering
- Automated Data Reporting



Technical Skills

- Cypress | Wordops | JavaScript | React.js | Nginx | Apache | MySQL Stored Procedures | Linux | Troubleshooting | Php | Xampp | Cloud | Html Server | Angular | WordPress | Mongo | Express | CSS | Apache Server | WordPress CMS | Xampp | Postman | Rest API



Personal Details

- Address: Pune, India
- Date of Birth: 22/11/1995



Profile Summary

- Full-Stack Python & React.js Development:** Offering 8+ years of expertise in building robust, scalable web applications using Python (Django, Flask, FastAPI) and React.js, delivering end-to-end solutions from frontend UI to backend services.
- RESTful API Architecture:** Proficient in designing and managing secure, high-performance RESTful APIs using Python frameworks, enabling seamless integration between front-end React applications, databases, and external services.
- OpenAI Agentic Bot Development:** Skilled in creating intelligent, task-oriented AI agents using OpenAI models and custom Python scripts, capable of complex reasoning, automation, and real-time execution.
- Workflow Automation & Integration:** Experienced in integrating Python, React.js, and third-party services (like **Cypress n8n** or **custom APIs**) to automate workflows for content management, data processing, and operational tasks.
- Full-Stack System Design:** Applied expertise in Python, JavaScript, React.js, and relational/non-relational databases to architect comprehensive solutions, ensuring smooth communication between frontend interfaces and backend logic.
- Performance Optimization & Cloud Deployment:** Demonstrated success in optimizing application performance, implementing scalable architectures, and managing deployments on cloud platforms (AWS, GCP, or Azure), ensuring high reliability and responsiveness of full-stack applications.



Career Timeline

February 2024 – Present EncureIT Systems Application Developer	April 2023 – February 2024 A2Digi Solution Senior Web Developer	February 2020 – March 2023 Euphoria Technologies WordPress Developer	November 2017 – March 2019 Adarsh Accommodation Pvt Ltd Website Manager	March 2017 – November 2017 Dhrubsoft Technology Internship
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Work Experience

EncureIT Systems

Application Developer

February 2024 - October 2025

- Spearheaded the full-cycle development of a live Inventory Management System (IMS) utilizing Python (FastAPI/Django) for backend and React.js for frontend, ensuring a smooth, responsive, and user-friendly interface.

- **Languages Known:** English, Hindi, Marathi

- Collaborated with cross-functional teams to gather functional requirements and translate them into scalable technical solutions, streamlining operations such as stock control, order tracking, and supplier management.
- Implemented RESTful APIs in Python to manage real-time communication between frontend and backend, ensuring secure and efficient data transfer across modules.
- Optimized MySQL database schema for inventory, purchase, and sales data, improving query performance and maintaining data integrity under high transaction loads.
- Conducted thorough testing and debugging across multiple modules using tools like Postman and PyTest, ensuring high system reliability and user satisfaction.
- Applied best practices in coding and design, focusing on scalability, maintainability, and adherence to modern development standards for a production-grade IMS solution.

Achievements:

- Successfully developed and deployed multiple full-stack web applications, including a live Inventory Management System (IMS) built with Python (FastAPI), React.js, and MySQL, resulting in a 70% improvement in client operational efficiency through automation and real-time data tracking.
- Optimized backend queries and React.js components, achieving a 99% reduction in page load time and significantly enhancing user engagement, responsiveness, and overall system performance.
- Implemented RESTful APIs and database indexing strategies that streamlined data synchronization, reducing API latency and improving dashboard load speeds.
- Integrated advanced caching and code-splitting techniques, boosting system scalability and maintaining consistent performance even under heavy traffic.

A2Digi Tech

Senior Web Developer

April 2023 - January 2024

- Developed and maintained multiple full-stack web applications using Python (FastAPI/Django) for backend development and React.js for frontend interfaces, delivering high-performance and scalable solutions.
- Designed and integrated RESTful APIs to enable seamless communication between frontend and backend systems, ensuring smooth data flow and consistent user experience across all platforms.
- Collaborated closely with clients and internal teams to gather requirements, design technical architecture, and translate business objectives into efficient, production-ready applications.
- Reviewed and optimized code, ensuring best practices in security, scalability, and maintainability, while mentoring junior developers to enhance their technical growth and coding standards.
- Managed project sprints, timelines, and deliverables, coordinating deployments and ensuring successful delivery of features within deadlines.

Achievements:

- Successfully led the development of a live Inventory & Analytics System, contributing to an 80% increase in operational accuracy and reporting efficiency through automation and optimized workflows.
- Delivered multiple Python-React integrations that improved real-time data handling, reducing response time by 90% and boosting user engagement.
- Built and deployed reusable REST API components and React modules, reducing future project setup time by 40% across multiple client projects.

Euphoria Technologies

WordPress Developer

February 2020 - March 2023

- Engaged with clients to analyze, document, and define web design, automation, and backend integration requirements, ensuring all specifications were accurately captured and aligned with business objectives.

- Developed and customized WordPress themes and plugins using PHP, JavaScript, and Python integrations, delivering visually appealing, high-performance websites tailored to specific client needs.
- Engineered automation workflows using Automation Anywhere 360 and Python scripts to handle FedEx return and refund operations, automating data extraction, validation, and submission processes.
- Integrated RESTful APIs to enable secure communication between WordPress, external services, and automation bots, streamlining backend data flow and reducing manual intervention.
- Optimized server and database performance (MySQL, cPanel, Nginx) for high-traffic websites, ensuring uptime reliability and faster response times.
- Conducted testing and performance audits, troubleshooting issues across website and automation environments to ensure smooth operation post-deployment.
- Provided client training on WordPress and automation systems, empowering non-technical users to efficiently manage their workflows and sites.
- Collaborated with marketing and analytics teams to implement SEO strategies, resulting in measurable performance improvements across live client platforms.

Achievements:

- Developed and deployed a FedEx Refund Automation Bot using Python + Automation Anywhere 360, reducing refund processing time by 95% and minimizing manual errors.
- Delivered 150+ fully functional WordPress websites, each optimized for SEO, performance, and client-specific functionality.
- Created a reusable Python API connector to automate report generation and status tracking for refund requests, improving transparency and efficiency.
- Achieved a 70% increase in client inquiries through innovative WordPress theme development and improved user experience.
- Boosted client website traffic by 100% via SEO best practices and performance optimizations.

Adarsh Accommodation Pvt Ltd

Python & Reactjs Web Manager
2019

November 2017 – March

- Managed and maintained the company's main web platform, built with Python (Flask/Django) for backend logic and React.js for the frontend, ensuring continuous functionality and minimal downtime.
- Developed and integrated dynamic booking and inquiry modules using Python APIs and React forms, improving user engagement and automating lead management.
- Implemented SEO best practices and metadata automation via backend scripts, resulting in improved organic traffic and search engine visibility.
- Collaborated with marketing and sales teams to design interactive, data-driven pages in React, aligning website content and user experience with ongoing campaigns.
- Monitored and analyzed performance using Google Analytics, Search Console, and custom Python scripts for traffic insights and behavioral tracking.
- Optimized server configurations (Nginx, MySQL) and deployed continuous integration pipelines to maintain performance and reduce downtime.

Achievements:

- Reduced website downtime by 80% through backend optimization, caching strategies, and automated server health checks using Python scripts.
- Boosted direct inquiries by 60% in six months by improving UX, adding interactive React components, and automating inquiry handling.
- Enhanced site performance by 75%, optimizing Python API responses and React rendering for faster load times.
- Improved SEO ranking across key property-related keywords, increasing organic reach and conversion rates.

Dhrubsoft Technology

Intern – Web Development

March 2017 – November 2017

- Assisted in the development and maintenance of the company's main web platform using Python (Flask/Django) for backend logic and React.js for the frontend interface.
- Contributed to building and integrating dynamic booking and inquiry forms with Python REST APIs and React components, enhancing lead generation and customer experience.
- Implemented on-page SEO strategies using Python-based automation scripts and metadata management tools to improve organic visibility.
- Worked closely with the marketing and sales teams to update promotional pages and ensure consistent branding across all digital platforms.
- Monitored site performance and user analytics through Google Analytics, Search Console, and Python scripts for traffic and conversion tracking.
- Optimized deployment pipelines and performed server maintenance using basic Linux, Nginx, and MySQL operations to ensure uptime and stability.

Achievements:

- Reduced website downtime by 80% by automating health checks and optimizing backend configurations using Python utilities.
- Improved inquiry conversion rate by 60% through React-driven form enhancements and a streamlined lead capture process.
- Enhanced page load speed by 70% by optimizing React components and implementing lazy loading and API caching.
- Gained hands-on experience with full-stack technologies, including RESTful API integration, frontend optimization, and database performance tuning.



Project Undertaken

CMS

National Centre of financial education website launched with data statistics ncfe.org.in, thgservices.com.au, impresifyworld.com, uat.araiindia.com

Inventory Management System (IMS)

Tech Stack: Python (FastAPI), React.js, MySQL, REST API, Nginx

Description:

Developed a full-stack Inventory Management System to automate stock tracking, supplier management, and purchase order workflows. The system provided real-time inventory updates and role-based dashboards.

Key Highlights:

- Designed REST APIs in Python for CRUD operations, authentication, and analytics.
- Built a dynamic React.js dashboard with charts and filters for quick insights.
- Implemented MySQL indexing for faster queries and optimized database performance.
- Achieved a **70% improvement in operational efficiency** by replacing manual tracking with automated workflows.

AI-Powered Social Media Automation Bot

Tech Stack: Python (OpenAI API, Selenium, Requests), React.js, MongoDB

Description:

Created an AI-driven automation system to schedule, generate, and post social media content across multiple platforms like LinkedIn, Facebook, and Instagram.

Key Highlights:

- Integrated **OpenAI's GPT model** to auto-generate captions, hashtags, and post summaries.
- Automated posting using Selenium and API-based schedulers for 24/7 activity.
- Built a React.js dashboard for managing content queues, post status, and analytics.
- Reduced manual content handling time by **90%**, improving engagement consistency and client productivity.

QR-Based Payment and Refund Automation System

Tech Stack: Python (Flask), React.js, MySQL, Razorpay API, Automation Anywhere 360

Description:

Developed an automated payment and refund processing system using **QR code payments** integrated with **Razorpay API** and **Automation Anywhere 360 bots** for transaction verification.

Key Highlights:

- Generated dynamic QR codes for customer payments linked to real-time order IDs.
- Built Python scripts to verify transactions and trigger automatic refunds when criteria matched.
- Implemented a React.js-based admin panel to track payments, refunds, and transaction logs.
- Reduced refund processing time by **95%** and eliminated manual financial reconciliation errors.

Custom CMS & Analytics Dashboard (NCFE Project)

Tech Stack: WordPress (PHP), Python, React.js, MySQL

Description:

Developed a centralized **Content Management System (CMS)** for **National Centre of Financial Education (NCFE)**, enabling dynamic data visualization and multi-site management for ncfe.org.in and partner portals.

Key Highlights:

- Integrated custom Python APIs for pulling real-time financial data statistics.
- Developed a React.js analytics dashboard displaying metrics for user engagement and performance.
- Enhanced security and scalability using role-based access and database optimization.
- Successfully launched multiple sites including ncfe.org.in, thgservices.com.au, and impresifyworld.com with 99.9% uptime.

