Harsh Jyoriya

Full Stack Python Developer + AI Automation Engineer

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PROFESSIONAL SUMMARY

Results-driven Full Stack Python Developer with expertise in building scalable web applications and AI-powered automation. Reduced operational overhead by 30% through intelligent automation. Strong foundation in Django, React.js, RESTful APIs, OpenAI, and modern DevOps practices. Passionate about creating efficient, maintainable systems.

EDUCATION

Dr. A.P.J. Abdul Kalam Technical University (AKTU) Jhansi, Uttar Pradesh, India
Bachelor of Technology in Computer Science and Engineering *Sept. 2023 – Sept. 2027*
- **Relevant Coursework:** Data Structures & Algorithms, Database Management Systems, Object-Oriented Programming, Web Technologies, Software Engineering

Blue Bells Public School Jhansi, India
Higher Secondary Certificate (ISC) *2023*

TECHNICAL SKILLS

Programming Languages: Python, JavaScript (ES6+), SQL, Java, HTML5, CSS3
Backend & Frameworks: Django, Django REST Framework, RESTful APIs, JWT Authentication, OAuth
Frontend Technologies: React.js, Vite, JavaScript, Responsive Web Design, SPA Architecture
Databases: MySQL, PostgreSQL, Database Design, Query Optimization
AI & Automation: OpenAI API (GPT-3.5/GPT-4), n8n Workflow Automation, LangChain, NLP, AI Agents
Cloud & DevOps: Git, GitHub, Render, Vercel, Gunicorn, WhiteNoise, CI/CD
APIs & Integration: Slack API, Airtable API, Third-party API Integration, Webhook Development
Software Engineering: OOP, SDLC, Agile Methodologies, Authentication & Authorization, Security Best Practices

PROJECTS

AI Code Review Agent | *React, Chart.js, Django, REST API, n8n, OpenAI (LLM)* 2024
- Built a full-stack AI-powered code review system that analyzes GitHub repository files and generates structured feedback including score, summary, and categorized suggestions
- Integrated Django REST API with n8n webhook automation to run AI workflows and return results in under 3–6 seconds for typical files (avg size: 200–500 LOC)
- Implemented issue categorization pipeline (Security, Performance, Code Quality) and enabled chart export for sharing results in reports and documentation
- Designed React dashboard with Chart.js visualizations and tab-based navigation, improving readability and reducing manual review effort by 40–50%

E-Commerce Full Stack Web Application | *Django, DRF, React, PostgreSQL, JWT, Vite* (Link) 2024
- Developed production-ready full-stack e-commerce platform with complete product catalog, user authentication, shopping cart, order management, and payment integration functionality
- Implemented secure JWT-based authentication with custom Django user model, password reset, email verification, and role-based access control (RBAC) for admin and customer roles
- Designed and built RESTful APIs using Django REST Framework with comprehensive serialization, pagination, filtering, search functionality, and robust error handling
- Created responsive React SPA with modern UI/UX, state management using React hooks, form validation, and optimized performance using Vite build tool

CERTIFICATIONS & LEARNING

Gen AI Study Jam 2024 – Advanced study program in Generative AI and LLM applications Google

Digital Productivity – Professional development in productivity tools and workflows NIIT Foundation

KEY ACHIEVEMENTS

- Reduced operational overhead by 30% through AI-powered automation with measurable impact on team efficiency and customer satisfaction metrics
- Successfully deployed multiple production applications using modern cloud infrastructure (Render, Vercel), implementing CI/CD pipelines and DevOps best practices
- Hands-on experience with cutting-edge AI technologies (OpenAI GPT-4, LangChain) and full-stack development with focus on scalability, security, and maintainability
- Active contributor on GitHub showcasing multiple projects with clean code, comprehensive documentation, and modern development practices