

NISHANT DEWANGAN

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PROFESSIONAL SUMMARY

Full Stack Developer and MCA student with experience in MERN stack, Python backend development, REST APIs, and scalable web applications. Skilled in building responsive full-stack projects and integrating AI-powered solutions using modern technologies including FastAPI, Docker, LangChain, Vector Databases, and Generative AI concepts. Passionate about AI engineering, backend systems, and developing impactful software products.

EDUCATION

Master of Computer Applications (MCA) 2024 - 2026 (Expected)
Sage University, Indore, Madhya Pradesh
CGPA: 7.8

Bachelor of Computer Applications (BCA) 2020 - 2023
Pt. Ravishankar Shukla University, Raipur, Chhattisgarh
Percentage: 72%

EXPERIENCE

Freelance Full Stack Developer June 2024 - Present
DxSale

- Developed responsive full-stack web applications using MERN stack and modern frontend technologies.
- Built attractive landing pages that improved user reach and engagement by approximately 30%.
- Collaborated with the co-founder to debug and improve applications, gaining exposure to Web3-based systems.
- Worked on scalable frontend interfaces, backend APIs, and deployment workflows.

Python Programming Intern Jan 2024 - Feb 2024
CodSoft

- Developed desktop and full-stack web applications using Python technologies.
- Enhanced application performance, UI/UX, and backend logic through optimized development practices.
- Worked on practical problem-solving tasks involving application design and implementation.

TECHNICAL SKILLS

Programming Languages : Python, JavaScript, Java, SQL, HTML, CSS
Frontend : React.js, Next.js, Tailwind CSS
Backend : Node.js, Express.js, Django, Flask, FastAPI, REST APIs
AI / Generative AI : LangChain, LangGraph, RAG, Vector Databases, AI Agents, LLM Applications
Databases : MongoDB, MySQL, PostgreSQL, SQLite
DevOps & Tools : Git, GitHub, Linux, VS Code
Core CS : OOPs, DBMS, Operating Systems, Computer Networks, DSA
Soft Skills : Problem Solving, Communication, Team Collaboration, Quick Learning

PROJECTS

AI PDF Chat Assistant Present

- Building an AI-powered document assistant using Python, FastAPI, LangChain, and Vector Databases.
- Implementing Retrieval-Augmented Generation (RAG) pipeline for contextual question answering.

- Integrating LLM APIs, embeddings, and semantic search for intelligent document interaction.

Elegance Jewellery

Mar 2024 - Apr 2024

- Developed a full-stack e-commerce platform for a jewellery business using the MERN stack.
- Implemented advanced product filtering, responsive UI, and optimized user experience.
- Collaborated in a 2-member team to build scalable frontend and backend functionalities.

TastyMix |

Dec 2023

- Built an open-source recipe-sharing platform using Django, PostgreSQL, and Tailwind CSS.
- Developed secure backend APIs and responsive frontend interfaces.
- Enabled users to explore, upload, and manage recipes dynamically.

ACHIEVEMENTS

- Secured Top 10 position in a 24-hour Hackathon among 194 participating teams by building a Digital Voting Machine project.
- Actively contribute to GitHub projects and continuously improve problem-solving skills through LeetCode and GeeksforGeeks Maintaining 100Days+ of code streak.

COURSES & CERTIFICATIONS

- Full Stack Generative and Agentic AI with Python - Udemy
Topics: LangChain, LangGraph, RAG, Vector Databases, AI Agents, FastAPI, Docker, MCP, Multi-Modal AI, Prompt Engineering, and LLM Application Development.
- Advanced Web Developer Course: Beginner to Advanced - Udemy
- SQL Bootcamp 2024: Master SQL - Udemy
- Mera Placement Hoga - Knowledge Gate
Covered Aptitude, DBMS, Operating Systems, DSA, Computer Fundamentals, and Logical Reasoning.

INTERESTS

AI Engineering, Full Stack Development, Astronomy, Problem Solving, Open Source, Backend Systems