

ARSLAN MUHAMMAD

WEB & GENERATIVE AI DEVELOPER

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[GitHub](#) | [Portfolio](#)



SUMMARY

A results-driven Web & Generative AI Developer with a solid foundation in building scalable full-stack applications using PHP and Laravel. Currently advancing my expertise by integrating Python, LangChain, Vector Databases, and LLMs to create intelligent, next-generation web solutions. My GitHub and portfolio reflect a strong commitment to clean architecture and continuous innovation, bridging the gap between traditional backend systems and cutting-edge Generative AI.

SKILLS

- **Web Technologies:** PHP, Laravel, Next.js, HTML, CSS, JavaScript, Tailwind CSS
- **Generative AI & Data:** Python, LangChain, LLMs (Ollama), Vector Databases
- **Database & Tools:** MySQL, Git/GitHub, RESTful APIs

EXPERIENCE

Laravel & Next.js Developer

NextTech Solutions – Rawalpindi, Pakistan | May 2025 – Present (On-site)

- Develop and maintain full-stack web applications utilizing Laravel and Next.js, focusing on responsive frontends, secure backends, and API integrations.
- Write clean, maintainable code and ensure smooth, reliable deployment processes across various project environments.
- Key Project: **Multi-Store E-Commerce Admin Panel (Laravel)**
- Worked as part of a development team to build a central Laravel admin dashboard managing multiple e-commerce stores from a single place.
- Built a complete multi-language system, ensuring all modules (products, coupons, blogs, email templates) were fully localized and store-specific.
- Developed core backend features, including complex product variations, flexible coupon systems, and an order-verified review system.
- Managed team collaboration using GitHub by following a strict issue-based branching workflow, creating dedicated branches for every new module to maintain clean architecture.

PROJECTS

Local AI Chat (Python, Streamlit, Ollama)

- Built a fully local, privacy-focused AI Chat application using Python and the Streamlit framework.
- Integrated Ollama to fetch, manage, and run large language models (LLMs) completely on-premise, ensuring zero API dependencies and complete data security.
- Designed a clean, interactive user interface with Streamlit for real-time prompt inputs, chat history management, and seamless interaction with local models.
- Handled local computational workflows to optimize model response times and resource management directly on the host machine.
- **Bot Sites Crawler (Python)**
 - An automated Python tool designed to visit multiple websites (E-commerce, WordPress, Static sites) and explore their internal pages. Safely simulates real user browsing behavior to maintain and optimize Google Analytics page views.

Next Mart (Next.js, Dummy JSON API)

- A fast and responsive frontend e-commerce platform built exclusively with Next.js to deliver a smooth online shopping experience.
- Integrated the DummyJSON API to dynamically fetch and display product catalogs, categories, and simulate core e-commerce functionalities.
- Focused on building a modern, user-friendly UI with efficient client-side data rendering and state management.

Traffic Checker (Next.js, Similarweb API)

- Developed a web app that analyzes website traffic, showing visitor counts, traffic sources, and engagement insights. Integrated Similarweb API and HighCharts for interactive data visualization.

Pixel Forge (Next.js, Rapid API)

- An AI-powered web app that converts text prompts into creative, high-quality images. Built using Next.js and integrated with Rapid API for AI image generation, featuring a clean and intuitive user interface.

New York Times Web App (Next.js, Tailwind CSS)

- Created a dynamic web application that connects to the New York Times API to display top stories, books, and articles. Designed with Tailwind CSS for a fully responsive layout and smooth navigation.

ACADEMIC HISTORY

GTTI Kohati Bazar, Rwp | 2023–2024

Diploma in Information Technology

Mulhal Science College | 2021–2023

Intermediate in Computer Science