

Mustafa Tawab

📞 +92-347-5300572 | ✉ mustafa.tawab.dev@gmail.com | 🌐 Mustafa Tawab | 🌐 mustafatawab | 🌐
Portfolio | 📍 Satellite Town, Near Holly Family Hospital, Rawalpindi

SUMMARY

Results-driven Full Stack Developer focused on building scalable and user-centric web applications. Skilled in React, Next.js, TypeScript, Node.js, and FastAPI, with experience designing efficient APIs and data-driven systems. Strong problem-solving mindset with a focus on performance, maintainability, and modern development practices.

EXPERIENCE

- **Nodesol Corp Pvt Ltd** 🌐 *Swat, Pakistan*
Frontend Developer *Jan 2024 – Jan 2025*
 - Delivered scalable web applications used across multiple internal and client-facing projects.
 - Improved UI consistency and performance by implementing reusable component architecture.
 - Translated product and design requirements into high-quality, user-focused interfaces.
 - Contributed to improving application performance, responsiveness, and maintainability.
 - Collaborated cross-functionally with designers and backend engineers to deliver features on schedule.
 - Standardized development workflows using Docker and supported data-driven features with MySQL and MongoDB.
- **You Only Do Once (YODO)** 🌐 *Johar Town, Lahore, Pakistan*
Web Developer Intern *Oct 2023 – Jan 2024*
 - Developed interactive, responsive web components using HTML, CSS, JavaScript, Bootstrap, and Tailwind CSS.
 - Customized WordPress themes and plugins to meet client requirements and improve user experience.
 - Contributed to backend enhancements using PHP and WordPress logic for better functionality.
 - Utilized Git and GitHub for version control and collaborative development workflows.
 - Optimized layouts, responsiveness, and cross-browser compatibility for production-ready websites.


EDUCATION

- **University of Lahore, Islamabad Campus** *Islamabad, Pakistan*
BS Software Engineering *Aug 2019 - Dec 2023*
 - * **CGPA:** 2.86/4.00
 - * **FYP:** Final Year Project Management System (FYPMS). A Web Application designed on Reactjs, Tailwind CSS, Core PHP and MySQL

PROJECTS

- **MyScribe – Healthcare Documentation Platform** *Nodesol Corp*
Tools: Quasar.js, Vue.js, Bootstrap, Docker, Postman 🌐
 - * Delivered responsive web and mobile interfaces for a healthcare documentation platform used by medical professionals.
 - * Designed and implemented a complete UI using Quasar.js and Bootstrap, ensuring accessibility, responsiveness, and usability.
 - * Integrated REST APIs to support real-time data flow and core application workflows.
 - * Collaborated with backend engineers to optimize frontend performance and improve overall user experience.
 - * Improved UI consistency and workflow efficiency across key healthcare modules.
- **Triton Consulting Group – Multi-Site Corporate Platform** *Nodesol Corp*
Tools: Next.js, Node.js, Payload CMS, Vercel, Railway, Twilio 🌐 🌐
 - * Contributed to a large-scale corporate ecosystem consisting of **60+ websites**.
 - * Designed and developed **20+ production websites** using Next.js and a headless Payload CMS architecture.
 - * Implemented reusable layouts, components, and content models aligned with client branding and business requirements.
 - * Worked directly with the client to gather feedback, resolve issues, and deliver timely enhancements.
 - * Diagnosed and resolved deployment and infrastructure issues across Vercel, Railway, AWS, and Twilio.
 - * Managed domain setup and production deployments, including AWS domain purchasing and Vercel configuration.

◦ **NavPoint Health – Healthcare Services Platform**

Nodesol Corp


Tools: Quasar.js, Vue.js, JavaScript, GraphQL, Postman

- * Led a complete frontend redesign of a healthcare services platform, modernizing UI and improving usability.
- * Migrated the frontend architecture from React.js to Quasar.js to enhance scalability and maintainability.
- * Integrated GraphQL APIs with a Laravel backend to support efficient data fetching and dynamic content rendering.
- * Translated complex healthcare workflows into intuitive, user-centric UI components.
- * Optimized performance, responsiveness, and cross-browser compatibility for a seamless user experience.

◦ **Elygance – E-commerce Store**

Personal Project
 

Tools: Next.js, Tailwind CSS, Shadcn UI, Neon Database, JWT Authentication, Contentful CMS

- * Developed a full-featured, production-ready e-commerce store in 3 weeks using Next.js and Tailwind CSS, integrating Shadcn UI for modern, responsive design.
- * Implemented user authentication and session management with JWT, ensuring secure user interactions and data protection.
- * Integrated Contentful CMS for dynamic product management and Neon Database for efficient backend storage.
- * Optimized site performance, responsiveness, and SEO for a seamless shopping experience across devices.
- * Hosted on Vercel with continuous deployment, demonstrating full-stack development and deployment capabilities.

SKILLS

- **Programming Languages:** JavaScript, TypeScript, Python
- **Frontend Development:** React.js, Next.js, Vue.js, Quasar.js, HTML5, CSS, Tailwind CSS
- **Backend & APIs:** Node.js, FastAPI, REST APIs, GraphQL
- **Databases:** PostgreSQL, MySQL, MongoDB
- **DevOps & Tooling:** Docker, Git, GitHub, Vercel, Railway
- **AI & Automation:** Prompt Engineering, LLMs, OpenAI Agents SDK
- **Development Tools:** Visual Studio Code, Postman

CERTIFICATIONS

- **Panaversity (Online, Pakistan) Certified Agentic AI Engineer** November 2025
- **Nodesol Corp (Swat, Pakistan) Experience Letter** Jan 2025
- **YODO (Lahore, Pakistan) Completion of Internship as a web developer** Dec 2023
- **Learning With Earning (LWE) (Online) Certificate of Completion Course (Web Development)** July 2022
- **Learning With Earning (LWE) (Online) Certificate of Completion Course (Graphic Design)** Jun 2022

ADDITIONAL INFORMATION

Languages: English (Fluent), Urdu (Fluent), Pashto (Native)

Research Interests: Genrative AI, Agentic AI Revolutions, LLMs, Latest Tech Trends