

# Mustafa Tawab

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## 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 [🌐]

Frontend Developer

Swat, Pakistan

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) [🌐]

Web Developer Intern

Johar Town, Lahore, Pakistan

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

BS Software Engineering

Islamabad, Pakistan

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.

## Projects

### NavPoint Health – Healthcare Services Platform

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

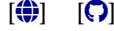
Nodesol Corp



- \* 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.

### Elegance – 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:** Generative AI, Agentic AI Revolutions, LLMs, Latest Tech Trends