

Mustafa Tawab

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SUMMARY

Full Stack Developer with 2+ years of hands-on experience building high-performance, scalable, and user-centric web applications. Proficient in TypeScript, Next.js, and React.js, with strong backend expertise in Node.js, FastAPI, PostgreSQL, and RESTful API design. Experienced in transforming complex requirements into clean, intuitive interfaces using Tailwind CSS and Shadcn UI. Adept at architecting robust systems, optimizing performance, and collaborating cross-functionally in Agile environments. Passionate about modern web technologies, AI integration, and delivering reliable digital solutions.

EXPERIENCE

• Nodesol Corp Pvt Ltd [🌐]

Swat, Pakistan

Frontend Developer

Jan 2024 - Jan 2025

- Developed scalable, responsive single-page applications using Vue.js, Next.js, TypeScript, and Tailwind CSS.
- Integrated REST and GraphQL APIs built with Node.js and Laravel into modular frontend components.
- Collaborated closely with design and backend teams to implement features aligned with UI/UX standards.
- Participated in Agile workflows including sprint planning, daily standups, and retrospectives.
- Utilized Docker to containerize development environments, ensuring consistency across teams.
- Worked with MySQL and MongoDB to develop data-driven features and admin dashboards.

• You Only Do Once (YODO) [🌐]

Johar Town ,Lahore, Pakistan

Oct 2023 - Jan 2024

Web Developer Intern

- Built interactive user-facing components using HTML, CSS, JavaScript, Bootstrap, and Tailwind CSS.
- Customized WordPress themes and plugins based on client specifications.
- Assisted in PHP-based backend modifications and WordPress logic enhancements.
- Used Git and GitHub for version control and collaborative development.
- Strengthened skills in responsive design, layout optimization, and cross-browser compatibility.

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, Postman, Docker

- Played a key role in frontend development for both web and mobile applications.
- Designed the complete user interface using Quasar.js and Bootstrap, ensuring a clean, user-friendly, and responsive experience.
- Integrated REST APIs to enable seamless data flow between frontend and backend systems.
- Collaborated with backend developers to optimize performance and improve usability for medical professionals.
- Contributed to improving overall UI consistency and workflow efficiency.

* Triton Consulting Group – Multi-Site Corporate Platform

Nodesol Corp



Tools: Vercel, Railway, Twilio, VS Code, Payload CMS, Nextjs, Nodejs

- Worked on a large-scale multi-website ecosystem consisting of 60+ websites.
- Designed and developed 20+ websites using Next.js, Headless Payload CMS, and Node.js backend APIs.
- Customized layouts, components, and content structures to match client branding requirements.
- Maintained direct communication with the client, resolving technical issues and implementing feedback efficiently.
- Troubleshooted and resolved deployment and infrastructure issues related to AWS, Vercel, Railway, and Twilio.
- Managed domain purchasing via AWS and configured domain connections with Vercel for production deployment.

* NavPoint Health – Healthcare Services Platform)

Nodesol Corp



Tools: Quasar.js, Vue.js, HTML5, Javascript, GraphQL APIs, Integration, Postman

- Completely redesigned the healthcare web application from scratch, modernizing the UI and improving overall user experience.
- Migrated the frontend architecture from React.js to Quasar.js, delivering a more structured, responsive, and scalable interface.
- Integrated GraphQL APIs with the Laravel backend, enabling efficient data handling and real-time content rendering.
- Translated complex healthcare workflows into intuitive, user-friendly UI components.
- Focused on performance optimization, responsiveness, and cross-browser compatibility to ensure a seamless user journey.

SKILLS

- **Programming Languages:** JavaScript, Java, Typescript, Python
- **Web Technologies:** HTML5, CSS, React.js, Next.js, Vue.js, Quasar.js, FastAPI, Node.js, APIs Integrations and Development
- **Software Engineering:** Object Oriented Programming, Data Structures and Algorithms, Object Oriented Software Engineering, SDLC
- **DevOps & Version Control:** Docker, Git, GitHub
- **Other Tools & Technologies:** Prompt Engineering, OpenAI Agents SDK, LLMs, Antigravity, Visual Studio Code, Postman

CERTIFICATIONS

- [Panaversity \(Pakistan\) Prompt Engineering & Context Engineering](#) November 2025
- [Panaversity \(Pakistan\) Fundamentals of Agentic AI](#) November 2025
- [Panaversity \(Pakistan\) Certified GenAI and Agentic AI Engineer](#) August 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

Hobbies and Interests: Coding, Badminton, Hiking, Traveling, Football