

MUHAMMAD KHIZAR WAQAR

Software Engineer

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SKILLS

Languages (JavaScript, SQL)
Frontend (React.js, Next.js, Vue.js, HTML, CSS, Material UI, Tailwind CSS)
Animations (Motion)
Backend (Node.js, Express.js)
Database (MySQL, MongoDB)
DevOps & Tool (Git, GitHub, Postman, Docker)
Deployment (Netlify)

EXPERIENCE

Software Engineer

Prospiral

📅 12/2024 - Present 📍 Lahore, Pakistan

- Developed responsive, modular web applications using Vue 3, with state management via Pinia and routing handled by Vue Router.
- Integrated RESTful Laravel APIs using Axios with interceptors for secure token handling and consistent error management.
- Built dynamic multi-step forms and validated user input using Vuelidate and vue-datepicker, improving UX and reducing form-related bugs.
- Implemented real-time features (chat, notifications) using Laravel Echo, Pusher, and interactive dashboards with Chart.js and Vue Chart.js.
- Optimized build performance and scalability** by configuring Vite for efficient bundling, lazy-loading components, and environment-specific settings—reducing load times and improving deployment consistency across development cycles.

Software Engineer

Tech Brainz

📅 02/2022 - 11/2024 📍 Lahore, Pakistan

- Implemented responsive designs resulting in 40% improvement in mobile user engagement
- Optimized application performance achieving 30% faster load times
- Developed and maintained multiple React components for Reliable, Dynamic, Secure Enterprise Licensing Software platform
- Integrated RESTful APIs and implemented state management using Redux
- Participated in code reviews and agile ceremonies
- Collaborated with cross-functional teams** to implement scalable features and resolve integration challenges, ensuring smooth deployment and alignment with business goals.

Frontend Engineer

The Web Hunters

📅 06/2021 - 02/2022 📍 Lahore, Pakistan

- Created responsive WordPress themes for 10+ client websites
- Led migration of 15+ legacy sites to modern WordPress architecture
- Maintained and updated existing WordPress sites and plugins
- Integrated third-party APIs and payment gateways

EDUCATION

Bachelor of Science in Information Technology

PMAS Barani Institute of Information Technology Sahiwal

📅 03/2016 📍 Sahiwal, Pakistan

COURSES

Front-End Development | Meta

An advanced course that sharpened my expertise in frontend development provided by MERN Technologies.

Programming with JavaScript

Deep dive into JavaScript language features and best practices, facilitated by Pluralsight.

PROJECTS

Future China | Vue.js & Laravel

- Engineered a scalable real-time chat platform with Vue 3, Laravel, and Pusher, reducing development time by 30% through modular architecture and reusable components.
- Designed a multi-step registration system with Pinia for state persistence, minimizing backend roundtrips and improving form completion rates.
- Leveraged Tailwind CSS and Vue 118n to rapidly deliver a responsive, multilingual UI, cutting UI development costs by 40% through streamlined styling and localization.

MEMBER GUARD

- Built a secure member management dashboard using Vue 3, Pinia, and Laravel APIs, reducing development time by 30% through modular architecture and reusable UI components.
- Integrated Vuelidate, Vue Datepicker, and SweetAlert2 to streamline form validation and user workflows, cutting QA and error handling time by 25%.
- Delivered real-time insights with Chart.js and Vue Chart.js, eliminating the need for third-party analytics tools and reducing reporting costs by 40%.

Enterprise Licensing Software | MERN

- Architected and built a secure, role-based licensing management dashboard using React.js, React Hook Form, and Material-UI, ensuring responsive design and efficient user workflows.
- Integrated JWT-based authentication with protected routes and Axios interceptors for secure, seamless API communication.
- Implemented real-time license tracking, dynamic analytics, and form validation, improving system reliability and reducing manual license management overhead.

Ecommerce & Corporate Website | WordPress

- Built 20+ WordPress sites with custom features and filtering.
- Optimized performance with Redis caching and 95+ PageSpeed score.

KEY ACHIEVEMENTS



Integrated Advanced AI in Development

Full Stack JavaScript Developer integrating AI into scalable apps. Builds intelligent solutions to elevate UX, automate systems, and boost performance across front-end and back-end.



Mentored Future MERN Developers

Mentored over 5 junior developers, enhancing the internal talent pool and strengthening the company's future development capabilities.