Tayyab Abbas

Sr Software Engineer

📍 Pakistan | tayyababbaxi661@gmail.com

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GitHub Link | Portfolio Link

Work Experience

Senior Frontend Developer / Remote
Seven Eight Six Media Group 🔗
Mar 2023 – present | Hinckley, England, United Kingdom

The Media Group specializes in developing high-performance applications.

- Led the development, launch to production, and deployment of **HijazWorld**, serving **over 1,000** active users. Utilized **Google Analytics** to analyze user behavior.
- Applied **mobile-first and responsive design**, boosting mobile engagement by 25% on the web app.
- Achieved a **30% reduction in page load time** through frontend performance optimization and code refactoring.
- Collaborated with backend teams in an **Agile framework**, ensuring **95%** on-time feature delivery.
- Mentored 3 junior developers, improving code review turnaround by 40% and reducing production bugs by 20%.

Frontend Developer
Shark Innovation Labs (Pvt) 🔗
Apr 2022 – Mar 2023 | Lahore, Pakistan

A company focused on innovative technologies and solutions.

- Adapted from React.js to Vue.js within a week, developing custom Vue plugins that increased reusability by 25% and accelerated feature development.
- Developed PWAs that increased mobile user retention by 15% and reduced bounce rate by 10%.
- Streamlined workflows with Webpack, npm, and Tailwind CSS, accelerating delivery speed by 20%.
- Balanced part-time web development with full-time responsibilities, leading to a senior developer role.

Associate Software Engineer / Full-time
MettleSol 🔗
Apr 2021 – Apr 2022 | Lahore, Pakistan

A software development company focused on delivering quality solutions.

- Progressed from intern to engineer within 3 months, contributing to 3+ client projects using Vue.js, React.js, Next.js, and Laravel.
- Engineered a gaming solution using React and WebSockets, delivering stable, production-quality code.

Summary

Senior Software Engineer with a 4+ year track record of delivering scalable, secure web applications and SPAs. Expertise in **frontend** and **backend** (basic) **development**, complemented by strong PWAs and responsive design capabilities.

- Focused on achieving measurable business impact through robust architecture and reliable code.

Strength

Technical Skills

- Strong expertise in **frontend development** with Vue.js, React.js, and modern frameworks.
- Hands-on experience in **backend development** with PHP, Laravel, and Nginx.

Leadership and Collaboration

Ability to lead projects and collaborate effectively with teams.

Adaptability

A quick learner with a passion for keeping up to date with technology trends.

Projects

HijazWorld Platform (Wise Compass) 🔗

An **Islamic e-learning and e-commerce platform** using **Vue.js and Laravel**, serving **multiple users in the UK**.

- Integrated **frontend features with backend APIs**, ensuring seamless performance and cross-browser compatibility, resulting in <1s API response time and supporting 500+ concurrent users.
- This platform is publicly available under the branding **Wise Compass**.

HijazWorld Website 🔗
Educational website aimed at students pursuing Islamic studies through online courses and lectures.

- Partnered with subject matter experts to create and structure course content, optimizing it for **SEO and global outreach**.
- Simplified complex technical concepts for non-technical stakeholders (designers, educators), ensuring alignment between platform features and business goals.

- Automated backend workflows via cron jobs, reducing manual efforts by 40%.
- Enhanced UI designs and optimized databases for scalability and robust performance.

Associate Software Engineer (Apprenticeship) / Part-time
ZAUQ GROUP
Apr 2021 – Mar 2022 | Lahore, Pakistan
An organization focusing on innovative projects.
- Built a capstone project grocery web store using React.js and JSON data, implementing cart and checkout features that improved checkout flow efficiency by 30% compared to the initial prototype.

Skills

Frontend Development: Vue.js | Vuex | Quasar | Vuetify | Vue-i18n | React.js | Redux | Next.js | jQuery | HTML | CSS | Sass | JavaScript | Bootstrap | Material-UI | SyncFusion | Core.js | Dompurify | Vime | Vue-Stripe

Backend Development: PHP Laravel | Node.js | RESTful APIs | WebSockets | Twilio integration

Programming Languages: JavaScript (ES6+) | TypeScript | C++ | Java

Databases & Cloud: MongoDB | Firebase | GraphQL | S3

Testing & QA: PHPUnit | Selenium | Cypress

Development Practices: Agile & Scrum methodology | Software Development Life Cycle (SDLC) | CI/CD | Code reviews | Performance optimization

Core Competencies: Strong analytical and problem-solving skills | Adaptability | Collaboration | Mentoring | Continuous learning

Key Achievement

Transitioning to Vue.js and Leading Projects
Successfully transitioned from **React.js to Vue.js** within **1 week**, mastering the framework without blockers.
- Led multiple **Vue.js projects** and built **custom plugins with component-based architecture**, improving reusability.

Languages

English | Urdu | Punjabi

Alsharqi Website 🔗
Built and maintained **Vue-based portals** for Alsharqi agents and customers, supporting 200+ daily active users and reducing manual reporting effort by 35%.
- Utilized **Vue.js, Quasar, Syncfusion, Shark-FE, Bootstrap, and JavaScript** to enhance design consistency and functionality.
- Implemented **UI modifications and feature enhancements** across both agent and customer portals.
- Created **clear technical documentation** and guided non-technical team members, improving collaboration and knowledge sharing.

TED (Educational App)
Built a **React-based** educational application from scratch, transforming Figma designs into production-ready code.
- Implemented **TypeScript, Redux, and Styled Components** for scalable state management and clean UI architecture.
- Focused on **secure coding practices** to prevent **XSS and SQL injection vulnerabilities**.

Portfolio Website 🔗
Designed and improved a **portfolio website** using **HTML, CSS, and JavaScript**, showcasing skills, projects, and accomplishments.
- Deployed via **GitHub Pages**, demonstrating **CI/CD deployment knowledge** and version control best practices.

Interest

Tech Enthusiast
Participates in social coding events and pursues personal development through side projects.

Education

BSCS
Superior University
2017 – 2021 | Lahore, Pakistan
Activities and societies: Hackathon (Social Coding Event), FYP (GroceryApp), Techno (Height Measuring Cap), SELS, IEEE (Advance Technology for Humanity), and Club Member.