WAQAS MALIK

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SENIOR SOFTWARE ENGINEER | FULL STACK DEVELOPER & TECHNICAL CONSULTANT

Senior Software Engineer with 8+ years of experience specializing in web and back-end development. Delivered scalable solutions for applications supporting over 1 million daily active users, optimizing system performance. Proficient in writing maintainable, efficient code and leading teams of up to 8 engineers, driving project delivery timelines by 20%. Experienced in collaborating with cross-functional, remote teams to achieve strategic goals.

SKILLS

- JavaScript
- Typescript
- Node.js
- Express.js
- Nest.js
- Mongodb
- React.js
- Next.js
- ES6
- HTML / CSS
- Tailwind UI
- Material UI
- Mysql
- Postgresql
- Typeorm
- Socket.io
- Redis
- AWS
- PHP
- Coldfusion
- Linux
- Communications
- People Management
- Leadership

EXPERIENCE

Upwork, Remote   Jan 2021 – Present
Senior Full Stack Developer and Independent Freelancer & Consultant
- Led a platform revamp with JavaScript / Typescript stack including React.js and Node.js, achieving a 30% rise in user engagement in six months.
- Implemented test-driven development and a CI/CD pipeline with GitHub Actions, cutting manual intervention by 60% and time-to-market by 30%.
- Built an intuitive UI for a complex bookshop marketplace using React.js, Node.js, Chart.js, and Lottie, increasing user engagement by 40%.

Ryzeo, Remote   Aug 2018 – Dec 2021
Senior Software Engineer & Team Lead
- Directed the development of a real-time user's events capturing & workflows platform with React.js, Node.js, Web-Socket, and Tailwind UI, achieving a 50% reduction in latency.
- Introduced React.js and Node.js best practices with feature-driven architecture, boosting code maintainability and efficiency by 20%.
- Established unit and end-to-end testing in a TDD framework, achieving 80-90% coverage for a bug-free codebase.

Datalatics, Lahore, Pakistan   Sep 2014 – Jul 2018
Full Stack Developer
- Developed critical internal tools with React and Node.js, boosting team productivity by 20%.
- Implemented a custom library in ColdFusion to streamline database queries for MySQL and SQL Server, reducing development time by 30%.
- Streamlined data management workflows through automated tasks and REST API development, decreasing average task completion time by 15%.

Techleadz, Lahore, Pakistan
Junior Software Engineer & Internee, Lahore, Pakistan   Apr 2011 – Aug 2014
- Revamped legacy websites from HTML/CSS to WordPress, achieving a 50% increase in responsiveness and user engagement.
- Applied responsive design best practices with media queries to optimize website performance across devices, boosting mobile user satisfaction and engagement by 40-50%.

- Maintained web applications for healthcare, rental, and retail sectors; optimized workflows that drove innovation initiatives resulting in a 30% reduction in support tickets.

EDUCATION

Punjab University College of Information Technology, Lahore, Pakistan   Sep 2014 – Jun 2016
Master of Philosophy; Major in Computer Science

Punjab University College of Information Technology, Lahore, Pakistan   Sep 2010 – Jun 2014
Bachelor of science; Major in Software Engineering

PROJECTS

ZAMAKAAN

https://www.zamakaan.com
Launched ZAMAKAAN as a comprehensive digital e-learning platform where readers can buy physical or e-books while accessing audio books; facilitated user engagement through interactive features attracting 10K+ monthly active users in the first quarter.
- Leveraged JavaScript and TypeScript along with React.js and Node.js to develop scalable components for the e-commerce platform, resulting in a seamless user experience that led to 50% increased engagement.
- Collaborated within a compact team of three professionals, including a designer and full-stack developer, to develop user centric features that enhanced the overall functionality of the e-commerce platform.

ALPHA PLUS EDUCATIONAL PLATFORM

https://aplustesting.org
Alpha Plus is an innovative educational platform designed to empower educators in creating and delivering online courses, and managing student assessments.
- Industries: Education, EdTech, E-Learning, Professional Development.
- Tech Stack: JavaScript, TypeScript, React.js, Node.js, Nest.js, PostgreSQL, AWS, SocketIO, SCSS.
- Partnered with a specialized team of four experts including a designer, front-end developer, back-end developer, and DevOps engineer to deliver high-impact features and enhance platform performance.

NCDG PROPERTY MANAGEMENT PORTAL

https://www.ncdevgroup.com
NCDG is a real estate property management portal that aims to provide the best service throughout Michigan, Ohio and California.
- Tech Stack: JavaScript, jQuery, Bootstrap, SQL Server, and ColdFusion.
- Team size: 2 members including a full stack developer and a project manager.