

MUHAMMAD ZAIN

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SOFTWARE ENGINEER

Full Stack Professional

A results-driven experienced Software Engineering with over 6+ years in the field, specializing in both **Front-End** and **Back-End** development. Proven track record of delivering high-impact solutions for leading companies, with expertise in full-stack technologies, project management, and team collaboration. Skilled in driving projects from concept to completion, optimizing performance, and exceeding client expectations. Passionate about continuous improvement and eager to contribute to innovative, results-driven teams.

PROFESSIONAL EXPERIENCE

COOL & COOL (ABC INDUSTRIES LLC), Dubai, United Arab Emirates

June 2022 - Present

Application Developer

Responsibilities:

- Led the migration of a legacy desktop ERP system to a modern web-based solution.
- Managed the full SDLC, from requirements gathering to deployment, using ASP.NET MVC and MS SQL Server.
- Developed modular components for inventory, sales, purchasing, and finance, ensuring seamless integration.
- Designed responsive UI with ASP.NET Razor Pages, React, and modern CSS frameworks like LESS, SASS, and Tailwind CSS.
- Established CI/CD pipelines and implemented DevOps practices for smooth deployments and scalability.
- Authored user manuals and technical documentation, and provided ongoing system support and maintenance.

Achievements:

- Boosted process efficiency by 70% through workflow optimization and automation.
- Reduced data entry errors by 75% with automated workflows, improving data accuracy.
- Delivered a cross-browser, mobile-responsive UI, enhancing user experience and adoption.
- Achieved faster deployment and minimized downtime via automated CI/CD pipelines.
- Improved system performance with code refactoring and database optimization, reducing response times.
- Lowered operational costs by automating repetitive tasks and removing system bottlenecks.
- Trained 50+ employees, ensuring smooth adoption of the new ERP system across departments.

Aimviz, Karachi, Pakistan

Oct 2021- Feb 2022

Software Engineer

Responsibilities:

- Led the design and development of various projects, with one of the major projects being the Doerbase platform. Utilized ASP.NET Web API for the backend and Angular for the frontend, ensuring a scalable and robust architecture.
- Implemented responsive UI/UX with Bootstrap, ensuring cross-device compatibility and an intuitive user experience.

- Managed projects via Bitbucket for efficient version control and team collaboration.
- Established RESTful APIs for seamless frontend-backend communication and improved data transfer.
- Followed Agile methodologies with regular sprints for continuous development and timely project delivery.
- Integrated authentication and security protocols to safeguard user data and ensure compliance.

Achievements:

- Delivered the Doerbase platform, connecting businesses with vetted freelancers and agencies, meeting all project goals.
- Boosted team productivity by 20-30% with CI/CD pipelines for faster deployments and real-time updates.
- Optimized API response times, enhancing platform performance, user interactions, and load times.
- Maintained a clean, scalable codebase, reducing bugs and improving long-term flexibility.
- Delivered a mobile-responsive interface, increasing user engagement with seamless cross-device access.

Project:

- <https://doerbase.com/>

NYXT Digital, Karachi, Pakistan
Software Developer

Apr 2021 - Sep 2021

Responsibilities:

- Developed and maintained multiple WordPress-based websites, ensuring optimal performance, security, and responsiveness.
- Customized WordPress themes and plugins to meet client specifications, enhancing functionality and user experience.
- Utilized PHP to build server-side logic and dynamic web applications, ensuring seamless integration with front-end technologies.
- Leveraged React to develop interactive user interfaces, optimizing component reusability and performance.

Achievements:

- Successfully delivered multiple high-quality WordPress websites, exceeding client expectations in terms of functionality and design.
- Improved website loading times by optimizing PHP scripts and utilizing caching techniques, leading to a 30% reduction in bounce rates.
- Enhanced user engagement by implementing interactive features using React, resulting in increased time spent on the site.

UIT Computing Society ACM, Karachi, Pakistan.
Web Developer

Sep 2019 - Sep 2020

Responsibilities:

- Led the development and management of the UIT Computing Society ACM website, utilizing WordPress for content management and enhancing user experience.
- Developed custom features and functionalities using PHP and the Laravel framework, optimizing website performance and user experience.
- Monitored website analytics and user feedback to identify areas for improvement and implement enhancements based on data-driven insights.

Achievements:

- Successfully managed the development and launch of multiple event-specific websites, improving event visibility and participation by 40%.
- Streamlined website operations through the integration of custom PHP functionalities, resulting in improved efficiency and user satisfaction.
- Enhanced the overall performance of the ACM website, reducing load times by 30% through code optimization and effective caching strategies.

FAMILY EDUCATIONAL SERVICE FOUNDATION, Karachi, Pakistan
Web Developer

Feb 2020 - Sep 2020

Responsibilities:

- Working closely with the designers and content creators to produce the highly converting website.
- Testing the website performance for robust and seamless customer experience.
- Designing, managing, and optimizing websites using WordPress.
- Managing front-end and back-end website development with performance upgrades.
- Identifying and resolving content issues with international standard website design.

AVANCERA SOLUTION, Karachi, Pakistan.
WordPress Developer

Jun 2019 - Sep 2019

Responsibilities:

- Customizing **WordPress themes** with additional features as per the project requirements.
- Leading the client meetings to address and implement the website design and functionality issues.
- Back-end website designing, database, and server integration along with the overall content management for solid brand awareness and enhanced customer experience.

CORE COMPETENCIES

TOOLS & TECHNOLOGIES

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|-------------------------|---|------------------------|
| • C# | • ASP.NET CORE/MVC | • Software Engineering |
| • Agile Methodologies | • Solid Principle | • Web Services |
| • API Integration | • Bootstrap, jQuery, Ajax | • ASP.NET Razor pages |
| • Responsive Designs | • TypeScript / JavaScript | • React Redux |
| • HTML 5 / CSS | • Frontend / Backend | • Git / Bit bucket |
| • RDBMS | • SQL Server | • Microsoft Azure |
| • Visual Studio | • UI/UX | • Azure Devops |
| • Angular | • Software Architecture | • Dependency Injection |
| • Entity Framework Core | • WordPress Design & Development | • PHP |
| • Responsive Designs | • Software Development Lifecycle (SDLC) | |

SOFT SKILLS

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|-----------------------|------------------------------------|--------------------------|
| • Analytical Thinking | • Self-motivated & Target-oriented | • Imaginative Leadership |
| • Problem Solving | • Teamwork | • Adaptability |

EDUCATION

Bachelor of Science - B.S. In Software Engineering, NED University, 2021.

High School Certificate, Pre-Engineering Major, Government Dehli College, 2017.

Secondary School Certificate, Programmer School, 2015.

PERSONAL INFORMATION

- **LinkedIn:** www.linkedin.com/in/muhammadzain360
- Valid UAE Driving License