Muhammad Rizwan

Software Engineer (MERN Stack)

Highly organized and dependable professional with a proven ability to manage multiple priorities while maintaining a positive attitude. Eager to take on additional responsibilities to help achieve team objectives. Experienced in monitoring, inspecting, and recommending enhancements to ensure that the final product meets or exceeds established quality standards

Contact Info

☎ +923164049722

✉ muhammadrizwanramzan300@gmail.com

in https://www.linkedin.com/in/muhammad-rizwan-093727243/

⊕ https://github.com/Shalbandians?

🏠 Lahore, Pakistan

🗐 Experience

Company	Designation	Duration
SL2 Studio	Associate Software Engineer	Aug 2023 - Jan 2025
Byte Craft	Associate Software Engineer	Jan 2025 - Continue

ᴨ Strengths & Skills

✓JavaScript	✓ Express.js	✓ React.js
✓ Node.js	✓ Mongo DB	✓ Socket-io
✓ Redux	✓Payment Integration	✓ Vercel
✓ Git	✓ Rest APIs	✓ Docker
✓ Webhooks	✓ VPS Hosting	✓ AWS
✓ Linux (Ubuntu)	✓ Tailwind CSS	✓ Material UI
✓ Unit Testing	✓ HTML/CSS	✓ Bootstrap5

💼 Work History

Associate Software Engineer	Byte Craft

- o Developed and deployed full-stack web applications using the MERN stack, delivering responsive, high-performance solutions.
- o Integrated RESTful APIs, Webhooks, and third-party services (e.g., WhatsApp) to enable real-time communication and automation.
- o Built dynamic UIs using React.js, Redux, Tailwind CSS, and Bootstrap 5, ensuring seamless user experiences across devices.
- o Deployed applications on Vercel, VPS (Linux/Ubuntu), and AWS, managing hosting environments and domain configurations.
- o Used Git for version control, conducted unit testing, and collaborated in Agile teams to ensure code quality and continuous delivery.

Associate Software Engineer	SL2 Studio

- o Developed and deployed full-stack web applications using the MERN stack (MongoDB, Express.js, React.js, Node.js), delivering robust and scalable solutions.
- o Designed and integrated RESTful APIs and Webhooks to enable real-time data flow and third-party communication (e.g., WhatsApp integration).
- o Created responsive and dynamic front-end interfaces using React.js, Redux, Tailwind CSS, and Bootstrap 5 for optimal user experience across devices.
- o Managed deployments using Vercel, VPS (Linux/Ubuntu), and AWS; ensured efficient CI/CD, domain configuration, and server setup.
- o Used Git for version control, performed unit testing, and collaborated in Agile teams to maintain code quality and streamline development.

🎓 Academics

Title	Date
Bachelor Science of Computer Science	2021 - 2025
Institution	**Score**
National College of Business Administration & Economics	3.2 CGPA

👥 Projects

Vehicle Complain – Scan2Alert	Byte Craft

Tools: Node.js, WhatsApp Webhooks, MongoDB, VPS

URL: https://scan2alert.in/

- o Designed and deployed a WhatsApp-based platform enabling users to register vehicles, submit complaints, and make secure payments via Razor pay.
- o Integrated Razorpay Payment Links API with WhatsApp Cloud API to handle payments directly in chat, including real-time payment status tracking.
- o Implemented automated workflows to verify vehicle data, log complaints (issue & location), and instantly notify both vehicle owners and complainants.
- o Leveraged MongoDB for real-time data storage and retrieval, ensuring high performance and reliability.
- o Configured WhatsApp Webhooks for seamless two-way communication and instant data synchronization.

    ○ Deployed on a Linux VPS using Nginx, SSL, and a custom domain for secure, production-ready hosting.

Multi-Vender E-commerce Store   SL2 Studio

Tools: Visual Studio Code, Postman, MongoDB Atlas

URL: https://multi-vender-b42z.vercel.app/

- ○ Developed secure user authentication with JWT and integrated multiple payment options (Stripe, PayPal, COD), boosting transaction volume by 50%.
- ○ Designed comprehensive order and seller management features, including real-time chat via Socket.IO and timed product events, increasing seller registrations by 35% and customer engagement by 40%.
- ○ Created admin tools for efficient monitoring and control of products, events, and seller activities, improving admin productivity by 20%.
- ○ Implemented coupon management and streamlined seller fund withdrawals with admin approval, enhancing promotional success and reducing withdrawal processing time by 30%.

Live Project UME Health   SL2 Studio

Tools: Visual Studio Code, Postman, MongoDB Atlas

URL: https://ume-health.vercel.app/

- ○ Designed and implemented a secure registration system with email verification and automated notifications. Integrated a **PDF generation** module for efficient referral file distribution, enhancing workflow efficiency by **40%.** Developed an admin panel for streamlined appointment scheduling, improving scheduling accuracy by **30%.**

Live Project Moving House

Tools: Visual Studio Code, Postman, MongoDB Atlas

URL: https://moving-house.vercel.app/

- ○ Tech Coordinator at Home-Shift Pro Enhanced user experience by integrating state code input for more efficient cleaning and moving services, and implemented secure email verification, improving registration accuracy by **30%** and reducing processing time by **20%.**

Ecommerce Food App

Tools: Visual Studio Code, Postman, MongoDB Atlas

E-commerce Food Seamlessly adapts to rising user demands with horizontal scalability, ensuring a smooth food ordering experience. The system maintains efficient performance, even during peak traffic, handling up to **50%** more simultaneous users without degradation in service quality.

👥 References

- Dr. Gulzar Ahmad

Department of Computer Science, Minhaj University Lahore

✉ Gulzarahmad.cs@mul.edu.pk

- Dr. Muhammad Zulkif Hassan

Department of Computer Science, National College of Administration and Economics, Lahore

✉ Zulkif@ncbae.edu.pk

🎖 Certifications

Developing Back–End Apps with Node.js and Express IBM

https://www.coursera.org/account/accomplishments/verify/EELTBLQXY04N

Building Blog using MERN Stack Udemy

https://www.udemy.com/certificate/UC-26b8f0b0-dbf2-4c4f-a72d-b1ad2c515b20/%20

Mastering Loops: Modern JavaScript Techniques

https://www.udemy.com/certificate/UC-b6d748e1-a9be-47dc-a992-1e2da9ec34e0/?utm_campaign=email&utm_medium=email&utm_source=sendgrid.com

Docker Certified Associate (DCA)

https://www.coursera.org/account/accomplishments/specialization/certificate/U45WG5NQ509K

Agile AWS Academy Cloud Architecting

https://www.credly.com/badges/362c7f82-47e6-4c91-8aea-60d7ef43a08d/linked_in?t=st6isu