

MUHAMMAD USMAN ZAFAR

FULL STACK DEVELOPER (MERN & MEAN STACK)

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[LinkedIn Profile](#) | [Portfolio](#) | [GitHub](#)

1 PROFESSIONAL SUMMARY

Innovative Full Stack Developer with 5+ years of expertise in architecting high-availability web applications and HIPAA-compliant healthtech solutions. Adept at transforming complex business requirements into scalable, secure systems with optimized performance and compliance.

2 TECHNICAL SKILLS

- **Languages:** JavaScript (ES6+), TypeScript, Python, SQL
- **Frontend:** React.js, Next.js, Angular, Material UI
- **Backend:** Node.js, Express.js, Firebase, MongoDB, PostgreSQL
- **Cloud/DevOps:** AWS (BAA Certified), Azure, Docker, Kubernetes, CI/CD
- **Security:** HIPAA Compliance, OAuth 2.0, AES-256 Encryption, Audit Logging

3 PROFESSIONAL EXPERIENCE

Smart Moves Lab

Jan 2020 – Present

Role: Full Stack Developer

1. AI-Powered Telemedicine Platform (HIPAA-Compliant)

- **Tech Stack:** React.js, Node.js, Firebase, GPT-3 API, AWS (BAA)
- **Contribution:** Engineered end-to-end encrypted video consultations and AI-driven symptom analysis, ensuring strict compliance with U.S. healthcare regulations. Implemented granular access controls and real-time audit trails.
- **Impact:** Reduced patient onboarding time by 35% and achieved zero compliance violations during audits.

2. Logistics Tracking SaaS (Multi-Tenant B2B Solution)

- **Tech Stack:** React.js, Next.js, Node.js, MongoDB, Kubernetes
- **Contribution:** Designed a real-time geofencing and route optimization system for fleet management, leveraging WebSockets for live updates. Automated subcontractor payroll integration.
- **Impact:** Slashed manual coordination by 40% and maintained 99.9% uptime for 50+ enterprise clients.

3. QuikPantri: Grocery E-Commerce Platform

- **Tech Stack:** React.js, Node.js, Firebase, Stripe, WebPush API

- **Contribution:** Developed a dynamic inventory management system with low-latency notifications. Integrated Stripe for PCI-DSS compliant payments and Firebase for real-time vendor-customer chat.
- **Impact:** Boosted order fulfillment speed by 30% and reduced cart abandonment by 22%.

4. Healthcare & SaaS Security Specialization

- **Key Achievements:**
 - Architected HIPAA-compliant data pipelines with AES-256 encryption for PHI (Protected Health Information).
 - Configured AWS BAA-compliant infrastructure, including VPC peering and S3 bucket policies for audit-ready storage.
 - Pioneered automated penetration testing workflows using OWASP ZAP for vulnerability mitigation.

SparTrans Logistics

Jan 2024 – Mar 2025

Role: Full Stack Developer

- **Tech Stack:** React.js, Node.js, Docker, AWS ECS
- **Contribution:** Migrated legacy monolithic systems to microservices, reducing API latency by 50%. Implemented Kubernetes-based auto-scaling for peak load handling.
- **Impact:** Cut cloud costs by 18% while improving system resilience during traffic spikes.

E8 Labs

Remote (US-based)

Mar 2020 – Apr 2021

Role: React Developer

• Project Management Dashboard

- **Tech Stack:** React, Material UI, AWS Lambda
- **Contribution:** Built a drag-and-drop task scheduler with WebSocket-based collaboration features, syncing Jira data via REST APIs.
- **Impact:** Accelerated sprint planning by 25% and reduced miscommunication incidents.

4 EDUCATION

Bachelor of Science in Computer Science

Lahore Leads University

2014 – 2018

GPA: 3.02

5 LANGUAGES

- Urdu (Native) | English (Professional Proficiency) | Punjabi (Native) | Hindi (Fluent)

6 KEY ACHIEVEMENTS

- **Operational Excellence:** Maintained 99.9% uptime for a logistics SaaS platform serving 50+ enterprise clients, ensuring uninterrupted real-time tracking.
- **DevOps Leadership:** Slashed deployment cycles by 50% by architecting CI/CD pipelines with GitHub Actions and Docker.

- **Product Growth:** Scaled an AI-powered content platform to 2,000+ active users within 3 months through optimized onboarding flows.
- **Technical Leadership:** Spearheaded 5+ business-critical releases, coordinating cross-functional teams of 8+ developers and QA engineers.

7 CORE COMPETENCIES

- **Full-Cycle Development:** Ownership of features from database design (PostgreSQL/MongoDB) to UI implementation (React/Angular).
- **Agile Collaboration:** Scrum-based sprint planning, backlog refinement, and stakeholder demos for iterative delivery.
- **Cloud-Native Solutions:** AWS/Azure infrastructure design with Kubernetes orchestration and auto-scaling.
- **Quality Assurance:** Jest/Enzyme unit testing, Lighthouse performance audits, and OWASP security compliance.