SYED HAMMAD RAZA ZAIDI

Full Stack Developer | Team Lead

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PROFESSIONAL SUMMARY

Full Stack Developer with 3+ years of experience designing and shipping production-grade CRM, e-commerce, and real-time platforms using React.js, Next.js, Node.js, and TypeScript. Hands-on experience with HIPAA-aligned healthcare systems, WebRTC-based real-time voice and video, and secure authentication. Currently leading a development team across multiple concurrent client engagements, owning architecture, database optimization, and AWS-backed deployments. Track record of delivering multi-tenant, healthcare-aligned systems with 99.9% uptime, sub-second API performance, and full audit-logged compliance.

TECHNICAL SKILLS

Languages: JavaScript (ES6+), TypeScript, Python, SQL, HTML5, CSS3

Frontend: React.js, Next.js (App Router, Server Actions), Tailwind CSS, Material UI, Framer Motion, Recharts, Zustand

Backend: Node.js, Express.js, FastAPI, RESTful APIs, WebRTC, WebSockets, Socket.io, JWT, Passport.js, OAuth

Databases: MySQL, PostgreSQL (Supabase, AWS RDS), MongoDB, Sequelize ORM, Mongoose, Redis

Cloud & DevOps: AWS (EC2, RDS, S3), Supabase, VPS Hosting, Docker, CI/CD Pipelines, Git, GitHub Actions, Linux

Integrations: Stripe, Twilio, Telnyx (Voice/SMS), Nodemailer (SMTP/IMAP), Resend, Webhooks

Compliance & Security: HIPAA Compliance, AES Field-Level Encryption, bcrypt Hashing, Role-Based Access Control (RBAC), Audit Logging, JWT, OAuth 2.0

Practices: Agile/Scrum, Test-Driven Development, Code Reviews, Clean Architecture, System Design

PROFESSIONAL EXPERIENCE

Full Stack Developer & Team Lead | MarifahSol

April 2025 – Present

Islamabad, Pakistan

- Lead a team of 4 engineers across 3 concurrent CRM and SaaS projects, owning sprint planning, technical architecture, and code reviews while aligning delivery timelines with business priorities.
- Architected end-to-end features using React.js, Next.js, Node.js, and Express.js, building a reusable component library and shared API layer that cut new-project bootstrap time by ~40%.
- Optimized RESTful APIs across MySQL, PostgreSQL (Supabase), and MongoDB through indexing, query tuning, and connection pooling, sustaining sub-200ms p95 response times under production load.
- Implemented HIPAA-compliant security with JWT/Passport.js, role-based access control, AES field-level encryption, bcrypt hashing, and full audit logging to meet healthcare compliance requirements.
- Integrated WebRTC for real-time peer-to-peer audio and video communication with custom Socket.io signaling, alongside Twilio Voice/SMS for unified clinic-scoped patient engagement.
- Managed AWS (EC2, RDS) and VPS infrastructure with CI/CD pipelines, automated backups, and zero-downtime deployments, sustaining 99.9% uptime across active client projects.
- Mentored 3 junior developers through pair programming, structured PR reviews, and onboarding documentation, reducing post-release defects by ~35% over two sprints.

Full Stack Developer | Croxsol

July 2024 – April 2025

Rawalpindi, Pakistan

- Developed scalable web applications with React.js, Next.js, and Tailwind CSS, focusing on responsive design, cross-browser compatibility, and performance for client-facing products.
- Built and maintained RESTful APIs with Node.js and Express.js across MySQL, PostgreSQL (Supabase), and MongoDB, implementing pagination, validation, and caching for fast and reliable data access.
- Integrated third-party services including Stripe payments, email providers, and OAuth flows, with secure JWT session management and role-based access control.
- Translated Figma designs into production-ready UIs in Agile sprints alongside designers, PMs, and QA, shipping features across multiple concurrent client engagements.
- Refactored legacy components into reusable patterns and improved Lighthouse scores from ~65 to 90+, reducing average page load times by ~45%.

Software Developer | Bahria Town IT Department Jan 2024 – June 2024

Head Office, Rawalpindi, Pakistan

- Built a responsive e-commerce web application using React.js and ES6+, applying code splitting, lazy loading, and caching to optimize Lighthouse scores across desktop and mobile breakpoints.
- Integrated the in-house ERP system with external REST APIs to enable real-time data sync across inventory, sales, and finance modules, eliminating manual reconciliation overhead.
- Contributed to code reviews and sprint planning in an Agile environment, gaining exposure to enterprise ERP workflows, API documentation, and Git-based version control practices.

KEY PROJECTS

OptiLead — Multi-Clinic CRM & Lead Management Platform

Tech: React.js, Node.js, Express.js, MySQL, Sequelize, WebRTC, Socket.io, Twilio, Nodemailer, JWT, MUI, Tailwind CSS

HIPAA-aligned multi-tenant CRM serving multiple clinics with 5-tier role-based access control. Integrated WebRTC for peer-to-peer audio and video consultations with Socket.io signaling, combined with Twilio Voice/SMS and Nodemailer SMTP/IMAP into a unified communication hub. Applied AES field-level encryption, bcrypt-secured credentials, full audit logging, and node-cron scheduled tasks to meet HIPAA data lifecycle and compliance requirements.

SHOP.CO — Full-Stack E-Commerce & Real-Time Support Platform | Live: e-shop-co-nine.vercel.app

Tech: Next.js (App Router, Server Actions) TypeScript, Tailwind CSS, MongoDB Atlas, Stripe, Resend, JWT, Zustand

Production e-commerce platform with HttpOnly JWT-cookie auth, role-gated admin routes, and atomic conditional stock decrements with multi-item rollback to prevent overselling under concurrent checkout traffic. Stripe integrated via signature-verified, idempotent webhooks driving an order state machine that automatically restores inventory on failed or refunded transactions. Includes a real-time customer support module with authenticated chat widget and split-pane admin inbox.

Automotive Auction Platform

Tech: React.js, Node.js, MongoDB, AWS EC2, Tailwind CSS

Vehicle auction and international shipping platform enabling users to bid on cars from U.S. auctions such as Copart and IAAI. Features real-time bidding, outbid notifications, secure payment processing, shipment tracking, and audit logging to support dispute resolution and cross-border compliance.

Phoenix Solutions — Medical Forms Platform

Tech: Next.js, Express.js, PostgreSQL (Supabase), MongoDB, JWT Auth

HIPAA-aligned healthcare workflow platform where doctors submit patient forms via an admin panel for review and approval. Implemented role-based access control, secure JWT authentication, and full audit trails for HIPAA compliance and traceable record-keeping.

EDUCATION

Bachelor of Science in Computer Science Graduated November 2023

Sarhad University of Science and Technology, Peshawar, Pakistan

CGPA: 3.44 / 4.00