Muhammad Shamin Farhan

MERN Stack Developer

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PROFESSIONAL SUMMARY

MERN Stack Developer with 2+ years of experience building scalable web applications using **React.js, Node.js, and MongoDB**. Proven expertise in **backend optimization (30–40% performance gains)**, real-time systems (WebSocket, WebRTC), and secure API integrations (Stripe, JWT, OAuth). Successfully delivered telecom projects in the UAE **(FTTH deployments)** and collaborated with cross-functional teams. Fluent in English and **conversational Arabic**—ideal for UAE-based opportunities

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TECHNICAL SKILLS

Expertise
- **Frontend:** React.js, HTML5, CSS3, TypeScript, Bootstrap, Sass, Tailwind CSS, EJS,Vue.js
- **Backend:** Node.js, Express.js, REST APIs, MVC Architecture,Clean Architecture
- **State Management:** Redux.js, Redux Toolkit
- **Real-Time & Desktop Apps:** WebSocket, WebRTC, Electron.js, PeerJS, Firebase, PWA
- **Version Control & Repository Hosting::** Git, GitHub, GitLab
- **Development Tools:** npm, Webpack,yarn

Familiar With
- JavaScript (Core), Figma
- Nodemailer, Multer, Material UI, AOS Animate, React Three Fiber
- **Motion Animations**: Framer Motion, GSAP

Databases
- MongoDB, MongoDB Atlas, MySQL

Cloud & Deployment
- AWS (EC2, S3), Firebase, Vercel , Nginx ,GoDaddy (Domain & Hosting Management)

Integrations
- Stripe, Twilio API, JWT (Authentication), Cloudinary

Monitoring & Testing Tools
- Postman, Swagger, Sentry, Playwright

Other Tools & Utilities
- jQuery, Canva,

PROFESSIONAL EXPERIENCE

Software Developer (Part-Time)
Cloud Qlobe – Connecting Continents – *Dec 2024 – Present*
- Contributing to the development of scalable telecom web platforms using React.js and Node.js.
- Collaborating with cross-functional teams across regions to ensure seamless integration of telecom services.
- Improved backend performance by 30% through optimization of server logic and database queries.
- Assisted in building dynamic, responsive web interfaces for telecom service portals.

MERN Stack Developer (Full-Time)

TYEM Ventures Pvt Ltd – *Jul 2024– Dec 2024*
- Built a POS ERP billing system integrated with the WhatsApp Cloud API for real-time order handling.
- Designed and implemented RESTful backend APIs using Node.js and MongoDB.
- Developed a dynamic admin dashboard for real-time order tracking and management.

MERN Stack Developer (Full-Time)

Bridgeon Solutions Llp – *Sep 2023 – Jun 2024*
- Developed full-stack web applications using the MERN stack (MongoDB, Express, React, Node).
- Contributed to scalable architecture design, deployment pipelines, and UI development.
- Optimized backend logic and queries, improving API response time by 40%.

UAE PROJECT EXPERIENCE

Sevenscape General Contracting and Facility Management Services L.L.C
Telecom Project Engineer
Dubai, UAE | sevenscape.ae 🔗
- Delivered **FTTH deployments** across **Dubai/Sharjah**, enabling high-speed internet for **5000+ units**.
- Ensured **TRA and Etisalat/DU** compliance in all civil construction activities.
- Managed 10+ vendor/client relationships, cutting project delays by **20%**.
- Delivered projects **15% under budget** through strategic resource planning.

PROJECTS

1. E-Commerce Platform – *Shop-E-X*
Tech Stack: MongoDB, Express.js, React.js, Node.js, JWT, OAuth 2.0, Cloudinary, Stripe
GitHub: Frontend 🔗 | Backend 🔗
- Developed a full-stack e-commerce platform to provide secure and scalable online solutions for small businesses.
- Implemented JWT authentication, reducing security breaches by 60%.
- Integrated Google OAuth 2.0 and OTP verification, improving login success rates by 25%.
- Added Stripe payment gateway to enable secure online transactions with a 98% success rate.
- Designed a fully responsive UI, increasing mobile traffic by 30%.

2. Social Media Platform – *World-Network*
Tech Stack: MongoDB, Express.js, React.js, Redux, WebSocket, WebRTC, Peer.js
GitHub: Frontend 🔗 | Backend 🔗
- Built a real-time chat and video calling platform for seamless remote communication.
- Reduced video/audio latency by 40% and supported over 10,000 concurrent users.
- Implemented Redux for state management, ensuring scalability and maintainability.
- Deployed backend on AWS EC2 and frontend on Vercel with 99.9% uptime.

3. POS ERP Billing Software
Tech Stack: Electron.js, React.js, Node.js, MongoDB,
WhatsApp Cloud API
GitHub: Frontend 🔗 | Backend 🔗
- Developed a cross-platform desktop POS app for restaurants and retail using Electron.js.
- Integrated WhatsApp Cloud API for real-time order placement and notifications, reducing order processing time by 50%.
- Built offline mode with auto-sync capabilities to ensure business continuity in low-connectivity areas.
- Streamlined billing operations, increasing efficiency by 35%.

4. POS ERP Admin Panel
Tech Stack: MongoDB, Express.js, React.js, Node.js
GitHub: Frontend 🔗 | 🔗 Backend 🔗
- Designed and developed a complete admin panel for managing business operations.
Key Features:
- Employee creation and access control

- Restaurant table management
- Real-time customer order tracking
- Sales and online order management
- Excel import support for item uploads
- Daily restaurant workflow automation
- Boosted overall operational efficiency by 40% through automation and real-time insights.

5. Technomagic Solutions – Company Website
Tech Stack: React.js, Tailwind CSS, Framer Motion / GSAP
Website: Technomagic Solutions ✐
GitHub: Frontend ✐

- Showcased the company's telecom software and service offerings.
- Collaborated with stakeholders to align web design with branding goals.
- Improved brand visibility and user engagement through modern UI/UX design and motion effects.

LIVE PROJECTS

CloudQlobe :-Visit Live Site ✐
A cloud-based telecommunication platform designed to streamline communication workflows.
- Contributed to backend development using **Node.js** and **Express.js**.
- Integrated **RESTful APIs** for smooth communication across services.
- Optimized backend modules for better **performance and scalability**.
- Collaborated with front-end developers to ensure **data consistency and real-time updates**.

EDUCATION

Higher Secondary Certificate (HSC)
National Institute of Open Schooling (NIOS), India
Completed: 2023

SOFT SKILLS

- Problem-Solving & Analytical Thinking
- Effective Communication & Team Collaboration
- Time Management & Leadership

LANGUAGES

- **English** – Professional Proficiency (Fluent)
- **Arabic** – Conversational (Intermediate)
- **Malayalam** – Native Speaker
- **Tamil** – Proficient (Advanced)