

# 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

### TECHNICAL SKILLS

#### Expertise

- **Frontend:** React.js, HTML5, CSS3, TypeScript, Bootstrap, Sass, Tailwind CSS, EJS,Vue.js,SEO (On-Page SEO, Meta Tags)
- **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,Adobe XD

### 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](https://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.

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**LIVE PROJECTS**

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**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**.

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**EDUCATION**

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**Higher Secondary Certificate (HSC)**

National Institute of Open Schooling (NIOS), India

Completed: 2023

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**SOFT SKILLS**

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

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**LANGUAGES**

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