

Tariq Mehmood

Full Stack MERN Developer | AI Integration & DevOps

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PROFESSIONAL SUMMARY

Results-driven Full Stack Developer with 2+ years of experience building, deploying, and maintaining modern web applications and production systems. Specialized in the MERN stack (JavaScript, React.js, Node.js, Express.js, and MongoDB), with expertise in RESTful APIs, authentication, database architecture, and responsive frontend development. Experienced in SaaS, healthcare workforce management, e-commerce, logistics and freight platforms, and AI-powered chatbots and automation.

Experienced in production deployments, Linux, Nginx, PM2, DigitalOcean, Git, GitHub Actions, and CI/CD. Skilled in integrating OpenAI, Anthropic Claude, and Google Gemini, and building AI assistants, agents, document verification, semantic search, and RAG solutions. Proficient across the full software lifecycle, from frontend and backend development to databases, deployment, debugging, and production support.

TECHNICAL SKILLS

- Languages:** JavaScript, TypeScript, SQL, PHP
- Frontend:** React.js, Next.js, Tailwind CSS, Bootstrap, Responsive Web Design
- Backend:** Node.js, Express.js, Laravel, RESTful APIs, JWT Authentication, Bcrypt, API Integration
- Databases:** MongoDB Atlas, MongoDB Compass, MySQL, Database Design, Data Modeling
- State Management & Architecture:** React Router, Context API, Redux, MVC Architecture, Role-Based Access Control
- AI & Automation:** OpenAI APIs, Anthropic Claude, Google Gemini, AI Chatbots, AI Agents, OpenClaw, RAG, Semantic Search, Vector Embeddings, Document Verification, AI Workflow Automation
- AI / ML Tools:** Sentence Transformers, Hugging Face, Text Embeddings, Vector Databases
- DevOps & Cloud:** DigitalOcean, Nginx, Linux, PM2, GitHub Actions, CI/CD, Production Deployment, Server Administration
- Development Tools:** Git, GitHub, npm, Postman
- Other:** Web Scraping, SEO, Payment Integrations, Email Services, SMS Integrations, Google Maps API, Meta Pixel, Third-Party API Integrations

PROFESSIONAL EXPERIENCE

MERN Stack Developer / Full Stack Developer 30 June 2025 – Present

RatedSol Tech — Dera Ghazi Khan, Punjab, Pakistan

- Develop MERN applications, REST APIs, authentication, and responsive UIs.
- Manage Linux servers, Nginx, PM2, DigitalOcean, Git, CI/CD, and deployments.
- Integrate AI chatbots (OpenAI, Claude, Gemini), DocuSign, and third-party services for business solutions.

Full Stack Developer July 2024 – Present

Freelance & Direct Clients — Remote

- Developed **full-stack web applications** for international clients using React.js, Node.js, Express.js, and MongoDB.
- Built solutions across e-commerce, healthcare, business management, industrial, and content-driven platforms.
- Managed deployments, servers, APIs, debugging, maintenance, and Git/GitHub workflows.

KEY PROJECTS

RatedCare Connect (RCC)

Healthcare workforce management and nurse rostering SaaS platform designed to streamline workforce operations, scheduling, attendance, payroll, and analytics.

- Developed and maintained a healthcare workforce management SaaS platform using the MERN stack.
- Built admin features for managing businesses, practitioners, nurses, scheduling, attendance, payroll, FTE, and revenue.
- Implemented role-based access, GPS check-in/out, AI-powered document verification with Anthropic Claude, and production deployment.

Technologies: React.js, Node.js, Express.js, MongoDB, Mongoose, JWT, Anthropic Claude AI, REST APIs, DigitalOcean, Nginx, PM2, GitHub Actions

SYM Forklifts

Production website and digital platform for an Australian forklift and industrial machinery business.

- Developed and maintained an Australian industrial machinery platform, including product listings, finance, blogs, lead capture, MongoDB-based lead management, Meta Pixel, and third-party integrations.
- Built AI chatbot and agent workflows for machine discovery, recommendations, product information, FAQs, knowledge-base integration, customer enquiries, and walk-around tour videos.
- Developed freight management workflows covering job creation, machine details, pickup/delivery, company registration and approval, quote submission/acceptance, automated quote rejection, email reminders/notifications, and ClickSend SMS integration.

Technologies: React.js, Node.js, Express.js, MongoDB, Mongoose, OpenAI, OpenClaw, AI Agents, REST APIs, Google Maps API, Meta Pixel, ClickSend, Nodemailer, DigitalOcean, Nginx, PM2, GitHub Actions

The Palm • Campus Shoes

Additional production websites developed and maintained for international clients (client-facing business site, e-commerce site, and a web application), covering frontend and backend feature development, production deployment, and ongoing maintenance.

Technologies: React.js, Node.js, JavaScript, REST APIs, MongoDB

Project URLs: thepalm.com | campusshoes.com

Freight Management System

Logistics and machinery transportation management solution developed as part of the SYM Forklifts platform.

- Developed freight job management with pickup/delivery locations, machine specifications, delivery notes, and required dates.
- Built freight company registration, approval, job browsing, quote submission, and quote management workflows.
- Implemented quote acceptance, automatic rejection of unsuccessful quotes, and email notification/reminder workflows.

Technologies: React.js, Node.js, Express.js, MongoDB, Mongoose, REST APIs, Nodemailer

AI-Powered Chatbot & AI Agent

AI-powered customer assistance solution developed for an industrial machinery business.

- Developed conversational AI for customer support, product discovery, recommendations, and lead qualification..
- Integrated AI models and knowledge bases for product information, FAQs, and personalized responses.
- Built workflows for sharing machine walk-around videos and guiding customers through the purchase journey.

Technologies: OpenAI, OpenClaw, AI Agents, Knowledge Base, RAG, Vector Embeddings, Node.js, REST APIs

Grilli Restaurant Website

Responsive restaurant website developed as an additional web development project.

Technologies: HTML5, CSS3, JavaScript, Responsive Design

Project URL: <https://grilli-by-tariqmehmood.netlify.app/>

DEVOPS & PRODUCTION EXPERIENCE

- Managed DigitalOcean/Ubuntu servers, Nginx, PM2, and MongoDB Atlas.
- Implemented GitHub Actions CI/CD and automated deployment workflows.
- Troubleshoot production, server, database, deployment, and permission issues.

EDUCATION

Bachelor of Science – BS Information Technology (BSIT)

Ghazi University, Dera Ghazi Khan, Punjab, Pakistan

October 2023 – October 2027

Relevant Coursework: Programming Fundamentals, Data Structures & Algorithms, Object-Oriented Programming, Database Management Systems, Software Engineering, Web Development, Information Security, Computer Networks, Cloud Computing

ADDITIONAL INFORMATION

Languages: English, Urdu | **Availability:** Open to remote, hybrid, and on-site opportunities

Professional Interests: Full Stack Web Development, MERN Stack, AI Integration, AI Agents, SaaS Development, Automation, Cloud Deployment, DevOps

Certifications: Full Stack Web Development with React — Coursera | Full Stack Web Development — DigiSkills.pk | Full Stack Web Development — Udemy

Career Focus: Full Stack Development, MERN Stack Development, AI-Powered Applications, AI Agents, SaaS Platforms, Backend Development, Cloud Deployment, and DevOps