

MUHAMMAD WALEED

Full-Stack Software Engineer · MERN · Next.js · TypeScript

Lahore, Pakistan · Open to remote worldwide (GMT+5, flexible overlap) | +92 307 193 2669 | waleedk2669@gmail.com | [linkedin.com/in/waleedk2669](https://www.linkedin.com/in/waleedk2669)

PROFESSIONAL SUMMARY

Full-Stack Software Engineer with 4+ years of experience shipping production web applications for international, distributed teams — including a healthcare recruitment platform serving the US market and multi-tenant SaaS products with 100,000+ combined users across 12+ deployed apps. Specialized in the JavaScript ecosystem: React, Next.js, Node.js, TypeScript, PostgreSQL and MongoDB. Experienced across the full lifecycle — architecture, API design, authentication/authorization, third-party integrations (Stripe, SendGrid, AWS S3), AI/LLM features (Google Gemini), CI/CD, and testing — with strong written communication habits for remote collaboration.

TECHNICAL SKILLS

- **Languages:** JavaScript (ES6+), TypeScript
- **Frontend:** React 18/19, Next.js 14–16 (App Router), Redux Toolkit, RTK Query, Zustand, Tailwind CSS, shadcn/ui, Radix UI, Material UI, Ant Design, React Hook Form, Zod, TanStack Table, next-intl / i18next
- **Backend:** Node.js, Express.js, NestJS, REST APIs, Prisma ORM, Mongoose, JWT & OAuth authentication, role-based access control, WebSockets (Socket.io, Pusher)
- **Databases:** PostgreSQL, MongoDB, MySQL, Redis (caching), Supabase / Firebase
- **AI / LLMs:** Google Gemini API, LLM-powered NLU & agentic workflows, prompt design, structured output validation
- **Cloud & DevOps:** AWS S3 & S3-compatible storage (DigitalOcean Spaces), Vercel, DigitalOcean App Platform, Firebase, Supabase, GitHub Actions, CI/CD, Docker fundamentals
- **Payments & Integrations:** Stripe (Checkout, subscriptions, webhooks), JazzCash, SendGrid, Brevo, MapBox geocoding, Google OAuth & Calendar API, LinkedIn OAuth, Meta WhatsApp Cloud API, Solana/web3.js (Phantom, Solflare wallets)
- **Quality:** Jest, Vitest, React Testing Library, Playwright, Git / GitHub, code review

PROFESSIONAL EXPERIENCE

Full Stack Web Developer — ThinkBuilt Sol · Multan, Pakistan (Remote)

Nov 2023 – Present

Core engineer across five production products for US and European clients; owned frontend architecture, backend services, database design, and third-party integrations.

- **PhysEmp (healthcare recruitment SaaS):** Engineering a Turborepo monorepo — NestJS 11 + Prisma/PostgreSQL REST API (50+ services) and three Next.js 15 frontends (job-seeker portal, recruiter portal, superadmin console). Built XML job-feed import/export pipelines with specialty/city mapping audits, recruiter–candidate matching, MapBox distance-based search, automated job-alert emails via SendGrid webhooks, guest applications, and analytics tracking across 56 database models.
- **Cherished Lives (memorial platform):** Building a Next.js 16/React 19 product on MongoDB/Prisma with four-language i18n (next-intl), Google OAuth + email-OTP credential auth with admin impersonation, private-profile access-request workflows, tribute moderation, Pusher private-channel realtime notifications, optional Redis read-through caching, and an ffmpeg/sharp media pipeline over S3-compatible storage; covered core flows with 14 Vitest integration test suites.
- **Remember Well / Remember Tag (white-label memorial platforms):** Delivered multilingual tribute pages with stories, galleries, background audio, QR-tag activation lifecycles (bulk CSV generation → linking), magic-link + Google sign-in, white-label branding per tenant, and Socket.io realtime updates; implemented server-side video transcoding (ffmpeg) and image optimization (sharp) to S3-compatible storage.
- **Main Street Cafe & BlueGoat Cyber (collaborative workspaces):** Shipped role-based platforms (admin/school-admin/parent; client/service-provider) serving 500+ daily active users at 99.9% uptime — nutrient-tracked menu planning, weekly meal selection, MongoDB aggregation report pipelines, PDF kitchen-label generation, Excel exports, and realtime notifications.
- **AI-assisted products:** Integrated Google Gemini to power a WhatsApp reminder bot (multilingual NLU, structured plan validation, timezone-aware scheduling on Meta Cloud API) and a personal-finance advisor (spending analysis, budget alerts).
- **Maries (wedding marketplace, France):** Developed booking flows over geo-indexed availability search (\$geoNear), vendor subscription billing with signature-verified Stripe webhooks, Google Calendar sync, and bilingual (EN/FR) delivery.

MERN Stack Developer — Tech 724.one · Lahore, Pakistan

Feb 2022 – Nov 2023

- **DS-160 Helper:** Built a guided multi-step visa form wizard (~60 screens) with complex cross-step validation, jsPDF export, Firebase uploads, Hugging Face transformers.js image processing, and JazzCash payment integration.
- **Veor (mental-health platform):** Developed real-time chat moderation and user/listener analytics dashboards on Firebase (Firestore/Realtime Database) with role-based admin access and Cloud Functions.
- **Subscription e-commerce:** Implemented recurring billing and customer portals (pause/resume) for D2C brands using Stripe and Supabase edge functions.
- **Web3 (Perces):** Constructed a Solana payments dApp — Phantom/Solflare wallet connections, native SOL & SPL token transfers on mainnet, transaction confirmation polling, and backend payment logging.

KEY PROJECTS

Physician Employment Platform (PhysEmp) — Healthcare recruitment SaaS connecting physicians and nurse/allied professionals with US employers. Turborepo: NestJS 11, Prisma, PostgreSQL, three Next.js 15 apps, RTK Query, Zustand, MapBox, SendGrid, AWS S3, Passport JWT, LinkedIn OAuth.

Cherished Lives — Multi-tenant memorial platform with QR-linked profiles, collaborative family management, tributes moderation, slideshows, and white-label branding. Next.js 16, React 19, TypeScript, Prisma/MongoDB, next-auth, next-intl, Redis, Pusher, Vitest.

Remember Well — Instagram-style white-labeled memorial platform (German/EU market) with media transcoding pipeline and QR tag fulfillment. React 18/Vite, Express, Prisma/MySQL, Socket.io, ffmpeg, DigitalOcean Spaces, SendGrid.

Main Street Cafe — K-12 school meal management: nutrient-tracked menus, dietary-restriction-aware weekly planning, kitchen label sheets, and analytics reports. React 18/Vite, RTK Query, Express, MongoDB, Socket.io, PDFKit.

Maries — French wedding-services marketplace: provider discovery with map/distance filtering, schedule-aware bookings, vendor memberships. Next.js 15, TypeScript, Prisma/MongoDB, Stripe, Google Calendar, Brevo, Pusher.

Additional: WhatsApp Reminder Bot (NestJS, Gemini AI, Meta Cloud API) · Personal Finance AI Advisor (Next.js, RTK Query, Mongoose, Gemini) · BlueGoat Cyber Portal (Next.js 15, Supabase/PostgreSQL, TinyMCE document pipeline) · Remember Tag (React, Express, Prisma/MySQL) · A Different Ending (Next.js, Redux Toolkit) · Qrate review platform (Express, MongoDB, SendGrid) · DS-160 Helper · Perces Solana dApp (@solana/web3.js) · Veor Admin Panel (React, Firebase)

EDUCATION

Computer Systems Engineering — Bahauddin Zakariya University, Multan, Pakistan

Coursework: Data Structures & Algorithms, Operating Systems, Database Systems, Software Engineering, OOP