

MHD FIRASS BARAKAT

Frontend Team Lead | Multi-Tenant B2B Platforms | React / Next.js / TypeScript

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Delivering for engineering teams in Saudi Arabia and the Netherlands. Open to relocation with visa sponsorship.

SUMMARY

Frontend Team Lead with nearly five years building multi-tenant B2B platforms for the MENA and European markets. Own frontend architecture and end-to-end delivery for five enterprise products across EdTech, ticketing, and marketing CMS, leading a cross-functional team of four. Depth in multi-tenant systems, Role-Based Access Control (RBAC), white-label design-token architecture, rendering strategy in Next.js, and full Arabic and English (RTL) product design. Set the module boundaries, state-ownership rules, performance budgets, and code review standards the team builds within, and drive technical decisions through architecture decision records rather than convention alone.

PROFESSIONAL EXPERIENCE

Frontend Team Lead

Feb 2026 - Present

Darrebni | Riyadh, Saudi Arabia (Remote)

- Own frontend architecture and delivery across five enterprise products, leading three developers and one designer. Set technical direction through architecture decision records, code review standards, and sprint estimation, and represent frontend in roadmap and stakeholder alignment.
- **Defined state ownership** as an explicit architectural boundary: TanStack Query v5 owns all server state including caching, invalidation, and background refetch, while client stores hold only genuine UI state. Eliminated redundant and duplicate API calls and removed an entire class of stale-data defects across five products.
- **Standardized on Zustand** for new development after benchmarking it against the inherited Redux Toolkit setup, then deprecated RTK behind a stable interface and migrated all ten-plus slices incrementally without a feature freeze. Applied the same consolidation to forms, replacing a fragmented Formik and Yup stack with React Hook Form and Zod schemas that validate identically on client and server.
- **Designed a declarative RBAC and tenant-scoping layer** applied at the route, component, and API-client levels, making each permission a single source of truth rather than a check repeated at every call site. Secured payments, user, and organizational domains across nine tenants.
- **Built the white-label system** in which tenant-specific deployments derive from a shared architectural core through design tokens and configuration rather than forked codebases, so a new tenant launches through configuration rather than a forked build.
- Unified frontend delivery across three runtimes (Next.js, React Router 7, Vite) on a shared component layer inside a monorepo, with Mantine as the standard for new products and Material UI retained only in inherited codebases behind the token abstraction.
- **Defined the rendering strategy per surface** in Next.js, using server-side rendering and incremental static regeneration for content-heavy pages and client rendering for interactive dashboards. Enforced a bundle-size budget through route-level code splitting, holding Core Web Vitals (LCP, INP, CLS) in the green on every release.
- Delivered advanced product capabilities including live WebRTC video classrooms via Azure Communication Services, offline-capable PWA packaging, and GSAP-driven motion interfaces.

Ayat Group - Promoted twice in four years

Oct 2021 - Jan 2026

Senior Frontend Developer (2024-2026) | Frontend Developer (2022-2023) | Junior Frontend Developer (2021-2022) - Damascus, Syria (On-Site)

- Owned the frontend architecture of the Pharma Edition of DomeCare, a healthcare platform serving over 300 pharmacies and 70 warehouses, defining the module boundaries, rendering strategy, and server and client data split in Next.js that the team continues to build within.
- Established the team TypeScript and React conventions covering strict typing, component ownership, and a code review checklist, and enforced them across 20+ pull requests reviewed weekly. Cut new-developer onboarding time from over a month to three days, handing the codebase over to a successor who was shipping independently within that window.

- Mentored two junior developers from first commit to independent feature ownership; both now lead their own workstreams.
- Delivered and maintained the Ayat Applications corporate site, holding Largest Contentful Paint at 2.0s, within Google's Good threshold for Core Web Vitals.
- Built the e-commerce frontend for Vita La Vie, a health and wellness brand, in React, rebuilding the cart and product-selection flow to shorten the path from product page to completed order.
- Defined the REST API contract with backend engineers ahead of implementation, removing integration rework across roughly fifteen feature releases.
- Built responsive web application interfaces in React with cross-browser compatibility and accurate implementation of design specifications.
- Worked within Agile delivery using Git for version control, shipping feature requirements on schedule.

Freelance Frontend Consultant (Part-Time)Jan 2024 - Dec 2024

Micro Beaver and Technolanes | Riyadh, Saudi Arabia and Amsterdam, Netherlands (Remote) | Part-time, alongside full-time role at Ayat Group

- Micro Beaver - Riyadh, Saudi Arabia** | *B2B SaaS automating government RFP, RFI, and RFQ responses with AI*
- Architected a dual-frontend system, separating a multi-tenant customer workspace from an operations console for billing, user provisioning, and template management, and isolating platform-admin surfaces from tenant surfaces at the routing and permission layer rather than by conditional rendering.
 - Designed the RBAC model and full Arabic and English bidirectional support (RTL and LTR) as a first-class layout concern rather than a stylesheet afterthought, enabling launch across the Gulf enterprise market.
 - Integrated AI document-analysis and DOCX-generation APIs behind a resilient asynchronous UI with optimistic states, retry-and-resume on long-running jobs, and typed error boundaries per failure class.

- Technolanes - Amsterdam, Netherlands** | *Custom digital products for distributed European teams*
- Delivered four production Next.js applications, holding Core Web Vitals in the green range on every release and resolving cross-timezone delivery dependencies without slipping feature dates.

TECHNICAL SKILLS

Core: TypeScript, JavaScript, React, Next.js (SSR, ISR), React Router 7, Vite

Frontend Architecture: Multi-tenant systems, Role-Based Access Control (RBAC), White-label design tokens, Module boundaries, State ownership, Rendering strategy (SSR, SSG, ISR), Incremental migration, Monorepo, Internationalization (i18n), RTL and LTR, Progressive Web Apps (PWA), WebRTC (Azure Communication Services)

State and Data: TanStack Query v5, Zustand, Redux Toolkit, REST API contract design, Axios

UI and Forms: Mantine, Material UI (MUI), Tailwind CSS, React Hook Form, Zod, GSAP, Storybook

Performance and Quality: Core Web Vitals (LCP, INP, CLS), Performance and bundle-size budgets, Code splitting, Vitest, Jest, React Testing Library

Delivery: Git, CI/CD pipelines, Azure DevOps, Semantic versioning, Agile, Scrum

Backend Familiarity: Node.js, Express.js, NestJS, PostgreSQL, MongoDB, Socket.IO

Leadership: Architecture decision records (ADRs), Code review standards, Technical mentorship, Estimation and planning, Cross-functional and stakeholder alignment

EDUCATION

Bachelor of Science in Computer Science, Artificial Intelligence Specialization2024

Arab International University (AIU), Damascus, Syria

CERTIFICATIONS

Machine Learning Specialization, Stanford University and DeepLearning.AI | Meta Frontend Developer Professional Certificate, Meta