

Nour Alden Mousa

Product Engineer · Full-Stack Developer · Founder of Darb

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PROFILE

Product and software engineer with 2+ years of hands-on experience across full-stack development, QA, DevOps, web and mobile delivery, backed by 4+ years of engineering practice. I build products end to end — from product thinking and responsive UX through system architecture, database security, testing and deployment. Currently founder and product engineer of Darb, a modular multi-tenant business platform.

EXPERIENCE

Founder & Product Engineer, Darb

Current

Next.js 16, React 19, TypeScript, Supabase/PostgreSQL, Turborepo, Vercel

- Architecting a modular SaaS foundation for restaurants, bookings, business pages and commerce, with shared identity, multi-location tenancy and specialised vertical engines. Restaurants is live; the other paths are coming soon.
- Designed RLS-first PostgreSQL/Supabase isolation, role-aware access, Arabic/Hebrew/English experiences, and a shared monorepo across public, admin and engine-specific applications.
- Own product definition, system strategy, UX/UI and motion quality, backend architecture, performance, testing discipline and production delivery.

Development / QA / DevOps, Cross-functional engineering

2+ years

- Hands-on across web and software development, feature implementation, debugging, regression validation and release readiness across frontend, backend and integrated systems.
- Worked across QA and DevOps workflows including issue triage, Git-based collaboration, CI/CD, Linux/Docker environments, deployment and production-oriented troubleshooting.

PROJECTS

Darb REST, Multi-tenant restaurant platform · live at rest.darb.co.il

Next.js 16 / Supabase / Turborepo / Vercel

- Branded, mobile-first menu sites that restaurants manage themselves: nine templates rendered from one menu model, with a 22-role semantic theme layer, in Arabic, Hebrew and English with native right-to-left layouts.
- Tenant isolation through row-level security with SECURITY DEFINER role helpers; cart totals recalculated on the server before a WhatsApp order or reservation request; transactional draft/publish with optimistic locking; a private WebP media pipeline.
- Tested with Vitest, pgTAP and Playwright from 375 to 1440 px.

PazShifts (YellowShifts), Workforce operations platform

Next.js / Supabase

- A mobile-first multi-station scheduling and attendance system with station-scoped RLS, server-authoritative worked time, rotating QR presence verification, conflict detection and NFC-ready workflows.

BudgetPal, Personal finance & AI product

React Native / Expo

- A cross-platform finance app using Supabase, TanStack Query, Zod and OpenAI, with multimodal input and explicit human confirmation before consequential financial actions; English/Hebrew RTL support.

SKILLS

Frontend & Mobile	Next.js, React, TypeScript, Tailwind CSS, Flutter, Dart, React Native, Expo
Backend & Data	Supabase, PostgreSQL, Row-Level Security, Node.js, Edge Functions, Firebase, API integration
DevOps & Quality	Git, GitHub, Vercel, Docker, Linux, CI/CD, Turborepo, pnpm, Testing & QA, Playwright, Vitest
Product Engineering	System design, Multi-tenancy, RBAC, Responsive UX/UI, Accessibility, RTL/LTR localization, Figma, AI/LLM workflows

EDUCATION

B.Sc — Information Systems Engineering, University of Haifa. Final year, one semester remaining.

LANGUAGES

Arabic, Hebrew, English