Nour Alden Mousa

Full-Stack Developer · Founder of Darb

Looking for junior roles in Israel: Full-stack, Frontend, DevOps or AI engineering

founder@darb.co.il github.com/b14ckPanther linkedin.com/in/nouraldenmousa darb.co.il zangeel.dev

PROFILE

Information Systems Engineering student graduating in February 2027, 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: product thinking and responsive UX, system architecture, database security, testing and deployment.

EXPERIENCE

Founder & Product Engineer, Darb — Current

TypeScript, Next.js 16, React 19, NestJS, PostgreSQL, Supabase, Vercel

- Lead Darb City and ship client products under Darb (PazShifts, Caramel, Raghad Beauty); own product, architecture, UX/UI, security, testing and 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 City, Local business platform for Israel · live at darb.co.il — Founder

Next.js 16, NestJS, Prisma, PostgreSQL (PostGIS, pgvector), Redis, BullMQ, MapLibre, Turborepo

- 13,000+ real businesses in 1,138 places, in Hebrew, Arabic and English, from six government open-data sets and OpenStreetMap.
- Two-lane search: an instant in-browser index across Hebrew, Arabic, Latin and Arabizi spelling, plus Claude intent parsing under a 1.5 s budget and hybrid retrieval over pgvector embeddings.
- Custom NestJS API with 20 connected services and data feeds (Claude, Voyage AI, Clerk, Resend, Cloudflare R2, Nominatim, Overpass, data.gov.il, Neon, Railway, Vercel); shared zod contracts between API and web.
- About 1,500 tests, 21 Playwright specs, WCAG AA checks and a 103-query search quality set run on every pull request.

Darb Scouter, AI job matcher · public repository — Solo

Python 3.13, FastAPI, Claude, LangGraph, PostgreSQL, Elasticsearch, React 19, Docker

- Claude extracts job requirements as structured output, each quote verified against the post; tested Python scores the fit out of 10,000. Hybrid BM25 and vector search, an eval harness. First scan: 1,294 listings.

PazShifts, Shifts and NFC attendance for fuel stations · in pilot — Solo

Next.js 16, Supabase, Postgres RLS, Expo, Turborepo

- NFC clock-in through one atomic Postgres function, station-scoped row-level security and one shared hours engine.

Caramel, Restaurant menu PWA · live at caramel.darb.co.il — With Lama

Next.js 16, Supabase, Tailwind CSS 4

- Added the offline-first installable app, menu performance, the admin redesign and a Russian menu to a scroll-driven menu.

BudgetPal, Agent-first finance app · B.Sc. capstone — Capstone

React Native, Expo, Supabase, OpenAI

- An AI agent proposes each finance action and nothing is written until the person confirms; text, voice and receipt input.

In progress: Darb universe projects in Java and Spring Boot with Kafka, .NET with MongoDB and Azure Service Bus, PyTorch with ONNX in the browser, and LangGraph with MCP.

SKILLS

Frontend & Mobile	TypeScript, React, Next.js, Tailwind CSS, React Native, Expo, Flutter, Accessibility, RTL/LTR
Backend & Data	Node.js, NestJS, Python, FastAPI, PostgreSQL, Prisma, Supabase, RLS, Redis, Elasticsearch, Firebase
AI engineering	Claude API, Structured output, LangGraph, Embeddings and hybrid search, Evals, OpenAI
DevOps & Quality	Git, GitHub Actions, CI/CD, Docker, Linux, Vercel, Turborepo, Vitest, Playwright, pgTAP

EDUCATION

B.Sc — Information Systems Engineering, University of Haifa. Expected graduation: February 2027.

LANGUAGES

Arabic, Hebrew, English