

Youssef Ammar

Senior Software Engineer

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Innovative and results-driven Tech Lead with 5+ years of progressive experience in full-stack development, DevOps, and cross-functional leadership. Adept at scaling systems, building high-performing teams, and delivering business-aligned solutions. Proven record of boosting performance (up to 20x), modernizing architecture, and owning product delivery across the entire SDLC. Thrives in fast-paced, remote-first environments with a focus on clean code, strategic planning, and impact.

CORE COMPETENCIES

- Tech Leadership & Mentorship
- Software Architecture & System Design
- Agile & DevOps Practices
- Strategic Planning & Stakeholder Management
- CI/CD & Cloud Infrastructure (GCP)
- Full-Stack Engineering (NodeJS, ReactJS, NextJS, NestJS)

PROFESSIONAL EXPERIENCE

rwmr, Cairo

Senior Full-Stack Product Engineer | 03/2024 – Present

- Built and launched rwmr end-to-end as a consumer social platform and B2B growth ecosystem, owning product strategy, architecture, brand, and execution.
- Architected the full platform across a React Native/Expo mobile app, NestJS GraphQL backend, Next.js business dashboard, and marketing website.
- Shipped core consumer features including social discovery, location-based content, profiles, search, notifications, map exploration, and inspired-visit attribution.
- Built merchant tools for memberships, loyalty programs, rewards, visit validation, branch operations, customer analytics, staff roles, onboarding, and billing.
- Engineered scalable backend infrastructure with PostgreSQL, GraphQL, media storage, authentication, push notifications, and integrations including Google Maps, Firebase, Google Cloud, and Paymob.

Tech: React Native, Expo, TypeScript, Next.js, NestJS, GraphQL, PostgreSQL, TypeORM, Tailwind CSS, Zustand, Apollo Client, TanStack Query, Firebase, Google Cloud, Paymob

Products: [rwmr](#) consumer marketing site | [rwmr iOS](#) / [rwmr android](#) social discovery and memberships app | <https://dashboard.rwmr.app/> merchant dashboard for loyalty, rewards, operations, and analytics

Inga, Frankfurt am Main (Remote)

Senior Software Engineer | 01/2023 – 05/2026

Mid-Level Software Engineer | 12/2021 – 12/2022

- Lead the engineering vision, architecture decisions, and agile processes for key Inga platforms.
- Built and scaled full-stack applications (ATS, Chatbot, Dashboards) using NestJS, NextJS and ReactJS.
- Initiated full Typescript adoption across all repos, enhancing maintainability and type safety.
- Designed a custom UI design system with TailwindCSS supporting dark mode by default.
- Directed DevOps strategy on GCP, maintaining CI/CD pipelines, high availability, and security.
- Integrated multiple CMS systems to automate workflows and reduce manual ops by 40%.
- Drove performance optimization initiatives, achieving up to 20x speed improvements.
- Re-architected legacy codebases from ExpressJS to modular NestJS architecture.
- Hired and mentored engineering team members; created technical challenges and led interviews.
 - Products:
 - <https://www.inga.one/> — Customer acquisition platform and company homepage for new clients.
 - <https://my.inga.one> — Internal Operations Manager (IOM) for analytics and chatbot creation / ATS for customers
 - <https://deintraumberuf.inga.one> — Talent-facing application portal; applications flow into the customer's ATS hosted at my.inga.one

Robusta, Cairo

Software Engineer | 06/2021 – 10/2021

- Contributed to backend and frontend development of scalable enterprise web apps
- Collaborated with UI/UX teams and QA engineers to deliver features on schedule.

Nutilane, Cairo

Full-Stack Developer | 03/2020 – 03/2021

- Led MERN stack development from architecture to deployment on AWS.
- Designed database schema ensuring data integrity and performance.
- Wrote comprehensive unit tests to guarantee code stability and maintainability.
- Integrated external APIs and ensured smooth CI/CD implementation.

PROJECTS

Mingle Farms — Remote Startup

Lead Software Engineer | 07/2023 – Present

- Directed full tech strategy for fresh food e-commerce platform.
- Integrated Shopify, led brand design, and launched targeted campaigns.
- Combined agricultural operations with seamless tech integrations.

EDUCATION & PROFESSIONAL DEVELOPMENT

BSc. in Computer Science & Engineering, German University in Cairo | June-2023

LANGUAGES & COURSES

Language: English – Fluent
Arabic – Mother tongue
French – Intermediate
German – A2

Courses: TensorFlow 2.0: Deep Learning and AI — Udemy
Three.js Journey — Bruno Simon
Machine Learning, Data Science, and GenAI — Udemy
Cloud Functions Master Course — Fireship
+10 advanced dev/AI/UX design courses (Udemy, Fireship)

INTERESTS

Judo (National Gold Medalist), Basketball (Regional Gold Medalist), Football, Gym, Reading, Investing, Entrepreneurship