

Hany Elsaydawy

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SUMMARY

Full-Stack Engineer with over 10 years of experience delivering scalable, user-centric web platforms across Europe and MENA. Expert in modern frontend and backend technologies including React, Next.js, Node.js, TypeScript, and AWS, blending engineering precision with product-design vision. Proven success in leading cross-functional teams, architecting robust systems, and integrating AI-powered automation to accelerate delivery and insight generation. Eager to leverage comprehensive full-stack expertise to build and evolve core platforms.

EXPERIENCE

Full-Stack Engineer

Paylane GmbH

Germany (Remote)

May 2025 - October 2025

- Collaborated closely with Product, Design, and Data teams to build features that streamline customer workflows and enhance insight delivery for a next-generation compliance automation platform.
- Architected and maintained core full-stack systems serving fintech users, ensuring high performance and scalability.
- Built and extended APIs, integrating with external data providers and third-party services.
- Improved load times by 42% across customer dashboards through optimized API calls and front-end rendering techniques.
- Designed and automated CI/CD pipelines via AWS and Docker, achieving zero-downtime deployments.
- Led React 19 upgrade and component restructuring (250+ files) with zero downtime, improving developer productivity by 30% and reducing security vulnerabilities by 65%.
- Architected an internationalization system supporting 4 languages across 180 files, eliminating 2,000+ hardcoded strings with automated validation.
- Reduced onboarding time by 80% through a comprehensive documentation suite and automated quality gates (ESLint, Husky, TypeScript, i18n).
- Built a migration automation tool, saving 100+ hours and enabling safe large-scale refactoring without breaking changes.

Full-Stack Technical Lead

Haykalah

Saudi Arabia (Remote)

September 2024 - May 2025

- Hired and directed a distributed team delivering AI-driven digital solutions for industrial transformation.
- Reduced project delivery timelines by 40% via modular component libraries and agile pipelines.
- Oversaw product design, UX, and engineering to ensure seamless cross-platform experiences.
- Launched 10+ responsive websites for industrial clients, achieving 4× faster delivery through component reuse.
- Drove the technical foundation for DigitalNext, a scalable e-commerce and branding platform.

Sr. Frontend Engineer / Team Lead

OLX Group

Germany

March 2021 - September 2024

- Led the Service and Fixly teams to modernize the architecture using React 18, TypeScript, and GraphQL.
- Achieved 18% increase in conversion rate and 22% lower bounce rate through user journey redesigns.
- Collaborated with backend and design teams to ship features impacting millions of users monthly.
- Mentored 2+ engineers in performance tuning, testing, and scalable architecture design.
- Played a key role in feature adoption and experimentation via A/B testing and user analytics.

Sr. Frontend Consultant
[Tradeling.com](#)

Dubai
September 2020 - February 2021

- Collaborated across teams to develop user-centric dashboards, contributing to major project milestones.

Sr. Frontend Engineer
[dubizzle.com](#)

Dubai
June 2015 - June 2020

- Delivered high-performing UI modules and dashboards for consumer marketplace products.
- Partnered with design and product leads to enhance engagement, resulting in a 20% increase in feature usage.
- Implemented new design system standards and accessibility guidelines.
- Led A/B testing initiatives and integrated data-driven UX optimization flows.
- Supported the Global team in localizing OLX Egypt and other Emerging markets.
- Assessed website performance and applied enhancements to improve conversions.
- Implemented a new design for the Emerging Market website (MENA Region).
- Applied a new technique to support website RTL and introduced SASS instead of legacy CSS code.
- Created component-based UI, replacing legacy UI.
- Designed and implemented new payment flows, and assisted in translation and copywriting for Arabic.

Frontend Engineer
[dubizzle.com](#)

Egypt
January 2014 - June 2015

- Created A/B tests and supported in-field user testing for new features.
- Researched and implemented dubizzle framework UI and documentation guidelines.
- Supported marketing campaigns and social media by creating designs, and developed a WordPress blog for dubizzle.

EDUCATION

B.Sc. Management Information Systems
El Shorouk Academy

Cairo, Egypt

PROJECTS

Compliance Automation Platform Development

Led full-stack development for a next-generation platform integrating AI to streamline due diligence and risk checks within fintech workflows. Achieved 42% load time improvement and zero-downtime deployments.

AI-powered DigitalNext Platform

Drove the technical foundation and led a distributed team to deliver an AI-driven e-commerce and branding platform for industrial transformation, reducing project timelines by 40%.

OLX Fixly Platform Modernization

Led team to modernize architecture using React 18, TypeScript, and GraphQL, resulting in an 18% increase in conversion rate and a 22% lower bounce rate.

Internationalization System Development

Architected a robust internationalization system supporting 4 languages across 180 files, eliminating over 2,000 hardcoded strings with automated validation.

Migration Automation Tool

Built a critical migration automation tool that saved 100+ hours and enabled safe, large-scale refactoring processes without introducing breaking changes.

SKILLS

Technical: React.js, Next.js, Node.js, TypeScript, Express.js, PostgreSQL, SQL, RESTful APIs, GraphQL, AWS, Docker, CI/CD, GitHub Actions, Microservices, SSR/SSG, Data Structures & Algorithms, Component-Based Architecture, SCSS |
Soft Skills: Problem-Solving, Agile Methodologies, Cross-Functional Collaboration, Team Leadership, Mentoring