

Amira ABDELMALEK

Senior Platform Engineer | Full Stack Engineer

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PROFESSIONAL PROFILE

Senior Full Stack & Platform Engineer with 7+ years of experience designing and delivering high-impact platforms at scale. Advanced expertise in React Native, React, Node.js and TypeScript, combined with strong cloud engineering skills across AWS, GCP and Azure. Proven track record of building internal developer platforms from scratch, automating CI/CD pipelines and creating SDKs and tooling that accelerate delivery for engineering organisations. Fluent in English (TOEIC 860) and French (TCF C1).

TECHNICAL SKILLS

Frontend	React, React Native, TypeScript / JavaScript, HTML5, CSS3, Bootstrap
Backend & APIs	Node.js, NestJS, Express.js, REST, Python, PHP / Laravel, Microservices
Cloud & DevOps	AWS · GCP · Azure · Docker · CI/CD
Platform Eng.	Internal developer platforms, CLI Scaffolding, SDK Design, Developer Experience (DX)
Databases	PostgreSQL, MySQL, MongoDB, TypeORM, Mongoose
Tools & Methods	Git, Docker, Jira, Confluence, Swagger, Postman, SonarQube, Figma, Agile/Scrum

PROFESSIONAL EXPERIENCE

Senior Platform Engineer — Mobile Enablement

TotalEnergies · Paris, France

Mar 2025 – Present

- Designed and built an internal mobile enablement platform used by ~130 developers and 20 teams, standardising the mobile delivery workflow at scale.
- Built a CLI scaffolding tool for React Native projects with internal SDK integration, eliminating manual boilerplate across all squads.
- Designed and implemented a GCP cloud provisioning system with security validation.
- Developed reusable CI/CD pipelines for mobile applications across multiple teams, reducing pipeline maintenance overhead.
- Defined architecture standards and mobile development best practices adopted across the engineering organisation.
- Built internal SDKs and developer tooling to improve productivity; provided technical leadership across mobile and platform initiatives.

Env. : React Native · TypeScript · Node.js · GCP · CI/CD · SDK Design · CLI Tooling

Full Stack Engineer — Web & Mobile

Kepler Technologies · Paris, France

Aug 2022 – Feb 2025

- Led end-to-end development of JobActu / Linkavie, a full-stack recruitment platform with video CVs and AI-driven content moderation.
- Architected an AWS video processing pipeline (Rekognition, MediaLive, MediaConvert) capable of handling high volumes of content.
- Built authentication, advanced filtering, and real-time notification systems across React and React Native.
- Enforced code quality via SonarQube in a 5-person cross-functional Scrum team.

Env. : React Native · React · NestJS · TypeScript · PostgreSQL · AWS · Docker · Firebase

Full Stack Engineer — Web & Mobile

RunStart

Sep 2021 – Aug 2022

- Developed a mobile & web food delivery application (iOS/Android + backoffice).
- Built a web search engine application with advanced filtering and indexing.
- Developed a home care services web platform connecting patients and caregivers.
- Delivered a full e-commerce platform with product catalogue, cart, and order management.
- Built a web administration dashboard and an event management platform.

Env. : Node.js · React Native · TypeScript · Firebase · MySQL · Git

Full Stack Mobile Developer

AKT-Farms

Dec 2021 – Apr 2022

- Developed a daily calendar management system for agronomists to schedule and track field interventions.
- Built a parcel management system for monitoring and managing agricultural plots.
- Implemented a real-time alert system and integrated an agricultural products catalogue.
- Application integrated with Odoo ERP for end-to-end agricultural process management.

Env. : React Native · TypeScript · Firebase · Odoo · Git

Full Stack Web Developer

Artistry Communication

Sep 2020 – Feb 2021

- Designed an appointment management module for patient scheduling and doctor availability.
- Developed a room management system tracking occupancy and patient assignments.
- Created a pharmacy management module with drug inventory and prescription tracking.
- Implemented a stock inventory system and a nursing module for care task management.

Env. : PHP (CodeIgniter) · JavaScript · Bootstrap · MySQL · Git

Frontend Mobile Developer

L9itek

Apr 2020 – Aug 2020

- Developed a registration and login system with role-based onboarding flows.
- Designed and implemented profile management features including photo upload and preference settings.
- Built an advanced search engine with criteria-based filtering and match scoring.
- Implemented a real-time instant messaging system using Firebase.

Env. : React Native · Firebase · MongoDB · Git

EDUCATION

2021 **CESI École d'Ingénieurs** — BAC+4 – Engineering Manager · BAC+2 – Programmer Analyst

2018 **Licence en Informatique** — BAC+1 – Mathematics & Computer Science

CERTIFICATIONS & LANGUAGES

TOEIC — **860 / 990** — Professional Working Proficiency in English

TCF — **Level C1** — Test de Connaissance du Français

CCNA 1, 2 & 3 — Cisco Certified Network Associate