



Abdelhakim KHABIR
Full-Stack Developer / Software Engineer

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PROFILE

Full-stack developer and Computer Engineering graduate (ENSA Marrakech) with hands-on experience building and shipping web applications to production. Strong across React/Next.js frontends, Django/FastAPI/Node.js backends, and cloud/DevOps (GCP, AWS, Docker, Kubernetes, CI/CD), with production experience building GenAI features.

PROFESSIONAL EXPERIENCE

• Boston Consulting Group (BCG X)

Feb. 2026 – Aug. 2026

Delivery AI Software Engineering Intern

Casablanca, Morocco

- Climate-risk analytics platform (Full-Stack)

- Built features end to end across a React frontend and Django/FastAPI backend under tight deadlines (sprints as short as 2 days), autonomously on abstract tickets.
- Performance testing and optimization of a compute-intensive calculation service and of database query performance across services.
- Delivered audit logging, a usage-analytics feature (active-user time tracking), and customizable PDF/Word report generation under tight technical constraints.

- Innovation-opportunity discovery platform (Infrastructure lead)

- Led the migration from Vercel to a compliant, production-grade GCP setup (Docker, CI/CD).
- Built GenAI features (AI SDK) that cut a delivery process from about 8 weeks to 2-3 weeks.
- Helped make the team's development experience more agentic through software-factory practices and AI code reviews.
- Technologies:** Python, Django, FastAPI, TypeScript, React, Next.js, AI SDK, GCP, Terraform, Docker, CI/CD

• 2MSYNERGY

Jul. 2025 – Sep. 2025

AI Automation & Full-Stack Developer Intern

Remote

- AI-powered social-media content automation & analysis platform

- Built backend services and secure automation workflows.
- Designed and integrated REST APIs with OAuth-based authentication for data confidentiality.
- Containerized services with Docker and used AWS in the deployment workflow.

- **Technologies:** Node.js, Express, TypeScript, React, LangGraph, MariaDB, AWS, Docker, Terraform, Tailwind CSS

EDUCATION

• ENSA Marrakech

2021 – 2026

Computer Engineering Degree (Engineering + Preparatory Cycle)

Marrakech, Morocco

PROJECTS

• E-Banking Platform

Nov. 2025

DevOps Engineer

Team of 6

- Provisioned cloud infrastructure (DigitalOcean, Terraform) and deployed microservices on Kubernetes via Helm (development and production).
- Built CI/CD pipelines (GitHub Actions, Docker) with monitoring and alerting (Prometheus, Grafana, Alertmanager) and Cloudflare DNS.
- Technologies:** Docker, Kubernetes, Helm, Terraform, GitHub Actions, DigitalOcean, Cloudflare

• SMSGateway: SaaS Platform for SMS Sending & Management

Feb. 2025 – Jun. 2025

Full-Stack Developer

Academic Project

- SaaS platform for sending, scheduling, and mass-broadcasting SMS on a scalable microservices architecture, with an AI module to optimize and personalize messages.
- Technologies:** Angular, TypeScript, Spring Boot, Microservices, Spring Data JPA, PostgreSQL, Spring Security, Docker, Git

ACHIEVEMENTS & ACTIVITIES

- Finalist - GITECH Africa 2025: AI for Sustainable Cities & Communities

Feb 2025, Marrakech

- Open-Source Contributor: contributed to Obsidian community plugins

ONLINE COURSES & CERTIFICATIONS

- AWS DevOps Certification**, Cloud Native Base Camp

May 2024

- AI Fluency Ladder: AI Multiplier**, BCG

Jul. 2026

SKILLS

- Programming/Databases:** Python, JavaScript, TypeScript, Java, Bash, SQL, PostgreSQL, MySQL, MongoDB, Redis, Firebase, Elasticsearch
- Frameworks & Libraries:** React.js, Next.js, Node.js, Django, Spring Boot, FastAPI
- Cloud & DevOps:** GCP, AWS, Docker, GitHub Actions, CI/CD, Terraform, Ansible, Kubernetes, NX, JMeter
- Soft Skills:** Communication, Problem-Solving, Collaboration, Adaptability, Autonomy, Proactivity, Attention to Detail, Empathy, Continuous Learning

LANGUAGES

Arabic (Native) **English** (Fluent) **French** (Intermediate)