



Abdelhakim KHABIR
Software Engineer

hakim@h4k5.net

+212-673178777

Hay Biranzarane, Talmest, Essaouira, Morocco

LinkedIn: [linkedin.com/in/hakim-khabir](https://www.linkedin.com/in/hakim-khabir)

GitHub: github.com/hakkm

Portfolio: h4k5.net

PROFILE

Software engineer and Computer Engineering graduate from ENSA Marrakech. I build scalable and maintainable software across frontend and backend systems, contribute to production workflows, automate repetitive tasks, and turn business requirements into reliable features that deliver real value within collaborative teams.

EXPERIENCE

• Boston Consulting Group (BCG X)

Feb. 2026 – Jul. 2026

Delivery AI Software Engineering Intern

Casablanca, Morocco

- Built and shipped internal web applications to production using Django, FastAPI, React, and Next.js.
- Designed and built the production-grade infrastructure on Google Cloud (GCP), with Docker and CI/CD pipelines for deployment.
- Developed AI features and automated workflows using the AI SDK and a workflow SDK.
- **Technologies:** Python, Django, FastAPI, TypeScript, React, Next.js, AI SDK, GCP, Docker, CI/CD

• 2MSYNERGY

Jul. 2025 – Sep. 2025

AI Automation & Full-Stack Developer Intern

Remote

- Contributed to the development of backend services supporting secure automation workflows for social media content analysis.
- Implemented and integrated REST APIs with OAuth-based authentication to ensure data confidentiality and reliable communication between components.
- Participated in code reviews, debugging sessions, and optimization efforts to improve system performance and code quality.
- **Technologies:** Node.js, Express, LangGraph, MariaDB, AWS, Docker, Next.js, Tailwind CSS

PROJECTS

• E-Banking Platform

Nov. 2025

DevOps Engineer

Team of 6

- Built CI/CD pipelines with GitHub Actions for testing, Docker image build, and deployment.
- Provisioned cloud infrastructure on DigitalOcean using Terraform.
- Deployed microservices on Kubernetes using Helm (staging and production).
- Configured Cloudflare for domain and DNS management.
- Set up monitoring and alerting with Prometheus, Grafana, and Alertmanager.
- **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

- Designed and built a SaaS platform for sending, scheduling, and mass-broadcasting SMS, with an AI module to optimize and personalize message content.
- Implemented a scalable microservices architecture with service isolation and automated deployment via Docker.
- **Technologies:** Angular, TypeScript, Spring Boot, Microservices, Spring Data JPA, PostgreSQL, Spring Security, Docker, Git

ACHIEVEMENTS & ACTIVITIES

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

Feb 2025, Marrakech

- Active Member - IT Club: Organized presentations and workshops on technical concepts

May 2024

ONLINE COURSES & CERTIFICATIONS

- **AWS DevOps Certification**, Cloud Native Base Camp

May 2024

EDUCATION

• ENSA Marrakech

2021 – 2026

Computer Engineering Degree (Engineering + Preparatory Cycle)

Marrakech, Morocco

SKILLS

- **Programming/Databases:** C, C++, Python, JavaScript, TypeScript, Java, Bash, SQL, PL-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
- **Soft Skills:** Communication, Collaboration, Problem-Solving, Adaptability, Initiative, Autonomy, Proactivity, Attention to Detail, Empathy, Continuous Learning

LANGUAGES

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