



ABDERRAHMANE CHARAK

Software Engineer

CONTACT

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github.com/inrabderrahmane20-bot

[Portfolio ↗](#)

Marrakech, Morocco

PROFILE

State-certified software engineer building full-stack web and mobile products end to end — pairing solid engineering with strong product-design instincts to ship fast, scalable, well-crafted systems.

CORE SKILLS

JavaScript / TypeScript ██████████

React / Next.js ██████████

Python / Django / Flask ██████████

UI / UX & Product Design ██████████

PROFESSIONAL EXPERIENCE

Software Engineer

212 Communication — Marrakech Apr 2025 – Jan 2026

- Designed and developed multiple production websites and mobile applications across diverse stacks, owning projects from architecture through deployment.
- Built and maintained scalable front-end and back-end systems while collaborating directly with clients to translate business goals into shipped solutions.

Stack AngularJS, JavaScript, Cordova, Symfony, WordPress, jQuery, HTML/CSS

Software Developer — Final-Year Project (PFE)

OCP Group — Office Chérifien des Phosphates, Benguerir Mar – Jul 2024

- Engineered an AI-powered website chatbot handling 100–200 requests per day, automating client interactions and complaint routing via NLP pipelines that classify and respond to user messages.
- Delivered the solution as a full-stack system integrating an ML model with a production web back end.

Stack Python, Flask, NLP, NLTK, TensorFlow, Spring, Node.js, Jupyter

Software Developer — Internship (PFA)

RMA — Royale Marocaine d'Assurance, Marrakech Jul – Sep 2023

- Designed and built a web application for insurance management, owning both the REST API and the front-end interface, and architecting the data layer and endpoints behind core workflows.

Stack Django, React.js, AWS, MySQL

Software Developer — Internship

Géant Computer S.A.R.L. AU — Marrakech Jul – Sep 2022

- Built a cross-platform web and mobile app to manage the vehicle fleet across store locations, covering inventory tracking and multi-site operations (Flutter, Java, Laravel, MySQL).

SELECTED PROJECTS

SELECT by EMC — Luxury Concierge & Events Platform

selectbyemc.com ↗

- Designed and developed a full multi-service platform for a Marrakech luxury concierge and events agency, spanning concierge, event organisation, and VIP services — now serving ~50 users per day.
- Built a fast, SEO-optimised, multilingual (FR) Next.js application with multi-currency support and a scalable content architecture across dozens of service pages.

Stack Next.js, React, JavaScript, SEO, Responsive UI

TOOLS & TECH

Node.js · REST APIs · Java · Spring · Flutter · MySQL · Symfony
· Laravel · AngularJS · Cordova · AWS · TensorFlow · NLP · Git ·
WordPress · Figma

LANGUAGES

Arabic (Native) · English (Fluent) · French (Fluent)

Personal Portfolio — Brand & Web Design Studio

inr-abderrahmane-portfolio.vercel.app

- Designed and engineered a performance-first, multilingual (EN / FR / ES) portfolio with custom motion and interactions — showcasing brand, web, and product design work alongside front-end craft.

Stack Next.js, React, Motion/UX, Multilingual i18n

EDUCATION

Software Engineering — State Engineer Degree 2024

École Marocaine des Sciences de l’Ingénieur (EMSI)

Preparatory Cycle (CPGE) 2018 – 2020

CPGE — Marrakech Prépas

Scientific Baccalaureate 2018

Lycée Al Omam — Marrakech

CERTIFICATIONS

Java for Android · Android App Components · Maintainable Android Apps