Marrok **Abderrahmane**

Software, Network & Security Engineer

About Me

Passionate about software development, networks, and cybersecurity. I design, develop, and secure high-performance applications using modern technologies.

Personal Information

Age: 29
Nationality: Algerian
Location: M'Sila, Algeria
Status: Single

Areas of Expertise

Software Engineering · Networks · Cybersecurity · DevOps

Technical Skills

Java · Python · JavaScript · Node.js · Django · React MySQL · SQLite · Android · JavaFX · Git · Figma

Languages

Arabic — Native
French — Fluent
English — Professional

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abdomarrok

PROFESSIONAL PROFILE

Software, Network, and Security Engineer combining technical expertise with creative problem-solving. Experienced in web, mobile, and desktop development, as well as building secure, scalable systems.

PROFESSIONAL EXPERIENCE

2024–Present — **State Engineer in Computer Science**
DEVELOPMENT & SECURITY · Koléa, Tipaza 📍
Design and development of robust software systems; inter-team coordination; integration of secure and scalable solutions.

2021–Present — **Freelance Developer**
FULL STACK · Remote 📍
Developed Android, Web, and Desktop applications. Built RESTful APIs using Django and Node.js. Maintained and redesigned existing systems.
Projects: Content Manager Telegram Bot, Online Grocery App, School Manager, GstockDz.

2021 — **Audit Agent**
WAFA FAILE · Rahmenia 📍
Performed inventory audits, created reports, and proposed process improvements.

2020–2021 — **Stock Manager**
WAFA FAILE · Rahmenia 📍
Supervised stock operations and internal logistics.

EDUCATION

2021–2023 **Master's Degree** — Networks and Communication Technologies (NICT), University
2018–2021 **Bachelor's Degree** — Software and Information Systems Engineering, University of
2016–2019 **Higher Technician Diploma** — Public Works, INSTFP Kouba
2017 **Baccalaureate** — Mathematics, Lycée 08 Mai 1948, Sidi Aïssa

CERTIFICATIONS

2023 Cornerstone of Quantum Computing — IEEE CASS
2022 AWS Machine Learning Foundations — Udacity
2021 Android Development — Udacity
2021 Security Certified Network Specialist (SCNS) — ICSI UK
2020 Blockchain Basics — Coursera
2020 Fundamentals of Deep Learning — NVIDIA
2019 Front-End Web Development — Udemy
2019 Programming Network Applications in Java — Udemy

SELECTED PROJECTS

2024 **GstockDz** — Stock management system (JavaFX + MySQL).
2023 **School Manager** — School management tool (Java Android).
2022 **Online Grocery App** — Android e-commerce application.
2021 **Content Manager Bot** — Telegram bot for content automation.