

Yafa Sabrina

Software Developer

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Profile

Full-stack developer passionate about web and mobile development, with a solid technical foundation acquired through hands-on projects and professional experience. Curious, autonomous, and comfortable in agile environments, I design modern and high-performance applications, from the backend to the user interface.

Key Strengths

Agile team collaboration (daily stand-ups, sprint planning, retrospectives)

Autonomous in learning new technologies (self-taught)

Strong analytical and problem-solving skills

Proficient with modern tools: Git, Docker, CI/CD

Languages

French: Native (professional communication)

English: C2 (technical, documentation, writing)

German: A2 (currently learning)

Arabic: Mother tongue

Experience

Tech Instinct – Full-stack Developer

Oct 2024 – June 2025 | Béjaïa (Hybrid)

- Developed **FarmConnect**, a SaaS platform for sheep farming management.
- Implemented modules: *authentication, user management, farms, livestock tracking, and health monitoring*.
- Designed and consumed **REST APIs** with NestJS & Prisma.
- Created modern, responsive, and UX-friendly interfaces with **React + Tailwind CSS**.
- Developed a **Flutter mobile application** to scan RFID chips using an HID scanner.
- Tracked tasks and sprints using the **Agile methodology** (Asana).
- Participated in weekly team meetings (reviews, retrospectives).

Education & Training

Master's Degree in Software Engineering

University of Béjaïa – Sept. 2023 – June. 2025

Bachelor's Degree in Computer Science

University of Béjaïa – Oct. 2020 – June. 2023

Personal Projects

Savvy – Amazon Price Tracker – Next.js 14, CRON, Node-fetch

Automated scraping of Amazon prices with email alerts for price drops or back-in-stock items. Features a user dashboard and form validation.

E-Plan – Exam Schedule Management – React.js, Express, MongoDB

Web platform for university faculties to create and view schedules based on user roles (admin, teacher, student), with authentication and permissions.

Lifedrop – Blood Donation (Mobile) – React Native, Firebase

Mobile application to connect donors and recipients via geolocation, with urgent alerts and a bilingual (French/Arabic) interface.

Skills

Frontend: React (Hooks, Router, Redux), TypeScript, Tailwind CSS, responsive UI, unit testing with Jest/React Testing Library

Backend: Node.js, NestJS (REST API), Prisma ORM, PostgreSQL, MongoDB, JWT Authentication, validation (class-validator, Zod)

Mobile: React Native (Firebase), Flutter (RFID/HID scanner integration), cross-platform development

Languages: JavaScript, TypeScript, Python (scripting & data), Java (OOP, basics), C (structures, logic)

Tools & DevOps: Git/GitHub, Docker (images, volumes), Firebase, Supabase, GraphQL (Apollo Client/Server), Postman, Swagger