



LYES MERSEL

Software Developer



CONTACT

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TECHNICAL SKILLS

- **Programming:** JavaScript, TypeScript, Java, C, Python (basic), OOP
- **Front-end:** React, Next.js, Redux, Tailwind, Framer Motion, Bootstrap, jQuery
- **Back-end:** Node.js, Express.js, REST APIs
- **Databases:** MySQL, PostgreSQL, Oracle, MongoDB, Redis, Prisma ORM
- **Big Data:** MapReduce, Hadoop, HDFS, Hive
- **Security:** Cryptography, Authentication (Sessions, JWT, OAuth), Web Security
- **Cloud:** Vercel, Netlify, Cloudinary, Cloudflare
- **Tools:** Git, GitHub, Postman, Docker
- **Modeling:** UML, ER Modeling, MERISE
- **Project Management:** Agile methodologies (Scrum, DSDM), task tools (Trello, Notion)

SOFT SKILLS

- Problem-solving
- Fast and self-directed learner
- Clean and well-structured code
- Teamwork & remote collaboration

LANGUAGES

- English: Professional proficiency
- French: Fluent (TCF C2)
- Kabyle: Native
- Arabic: Fluent

OBJECTIVE

I develop efficient, scalable, and reliable software and web applications tailored to your unique needs. With a focus on clear communication and collaboration, I ensure your vision is fully realized.

Dedicated to delivering high-quality results on time, I offer remote freelance services worldwide—turning your ideas into precise, professional digital solutions that drive your success.

EDUCATION

2024 - 2026 (In Progress)

MASTER'S DEGREE IN CS

- University of Bejaia, Algeria
- Track: Software Engineering

2021 - 2024

BACHELOR'S DEGREE IN CS

- University of Bejaia, Algeria
- Track: Information Systems

2019 - 2021

PREPARATORY CLASSES

- National Higher School of CS (ESI - Algiers)

2019

BACCALAUREATE IN MATHEMATICS

- Graduated with High Honors

EXPÉRIENCE

INTERNSHIP - CEVITAL

JULY 2024 - AUGUST 2024

- **Information Systems Intern** — Contributed to the design and improvement of existing systems.

FREELANCE PROJECTS

- **Hotel Web App:** Showcase website with booking system and admin interface (TypeScript, Next.js, Tailwind, Prisma).

ACADEMIC PROJECTS

- **E-commerce Site:** Management of clients, sellers, products, admins; payment simulation (TS, Next.js, Redux, Tailwind, Prisma ORM, Supabase, Cloudinary).
- **Medical Web App:** Appointment management with interfaces for patients and medical staff (JS, Express.js, EJS, MySQL).
- **Educational Mobile App:** Quizzes and interactive games for children's learning (Dart, Flutter, SQLite, Firebase).
- **Desktop Planner:** Multi-user task and schedule management app (Java, JavaFX).
- **Polynomial Master:** Operations and visualizations on polynomials (C, SDL2, Docker).

PERSONAL PROJECTS

- **inTech Blogs:** Blogging platform (TS, Next.js, Tailwind, Sanity, GitHub OAuth).
- **Country Navigator:** Country explorer app (JS, React, REST Countries API).