Khayra Sarra Zerguerras

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⬛ sarrazer24 🔗 sarra-zerguerras 🌐 Portfolio

Technical Skills

Programming:	Python, Java, JavaScript, TypeScript, Dart, SQL
Frontend:	Flutter, React, Next.js, HTML5, CSS3, Tailwind CSS
Backend:	Django, Node.js, Express.js, Spring Boot
Tools:	Git, Docker, AWS (EC2, S3), Figma, Postman
Databases:	MySQL, PostgreSQL, MongoDB

Soft Skills

- **Leadership:** Demonstrated through successfully leading project teams and establishing agile workflows between team members
- **Problem-Solving:** Strong analytical abilities to break down complex technical challenges and develop efficient solutions
- **Team Collaboration:** Proven experience working effectively in cross-functional teams to deliver successful projects
- **Communication:** Ability to clearly articulate technical concepts to both technical and non-technical stakeholders

Professional Experience

Ingenuims Club — 2022–2024
Marketing/Visual Creation Department
- Created visual content and photography for club events

Alphabit Club — 2024–Present
Finance Department
- Budget management and financial reporting for events

Education

École Supérieure en Informatique (ESI SBA) — 2022–Present
Engineering Degree in Computer Science (Expected Graduation: 2027)
- 5-year engineering program (Diplôme d'Ingénieur d'État en Informatique)
- Currently in second year of second cycle (4th year)

Baccalaureate in Mathematics — 2022
Graduated with honors - Average: 17.36/20

Projects

Bloom & Care — Spring Boot, React, Tailwind CSS, MySQL (Aiven Cloud) 🐙
- Full-stack daycare management system with registration, attendance tracking, and parent communication features
- Implemented secure authentication and role-based access control

Educare — Node.js, Flutter/Dart, React, Tailwind CSS, MySQL 🐙
- Led team of 5 as both developer and UI/UX designer for this 3rd year multidisciplinary project
- Sole developer of Flutter mobile app with complete patient record management system
- Designed intuitive interfaces for both web and mobile platforms
- Developed backend services using Node.js and contributed to React frontend

7arfa — Flutter, Dart, Django, SQLite 🐙
- Flutter developer for this 2nd year (2CPI) academic project
- Developed core app functionality and assisted with Django backend integration

Certifications

- **AWS Concepts** 📎
- **Intermediate SQL** 📎
- **PostgreSQL Data Functions** 📎
- **Cloud Computing** 📎

Languages

Arabic (Native), French (Fluent), English (C1 Advanced – EF SET Certificate, 63/100)