

# Khayra Sarra Zerguerras

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🌐 [sarrazer24](#) 🌐 [sarra-zerguerras](#) 🌐 [Portfolio](#)

## Technical Skills

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**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

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- **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

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- 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

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- 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 first year of second cycle (3rd year)
- Baccalaureate in Mathematics** 2022  
*Graduated with honors - Average: 17.36/20*

## Projects

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- 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

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

## Languages

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Arabic (Native), French (Fluent), English (Fluent)