



Yassine Ajbouni

Software Engineering Student

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🌐 LinkedIn 🐙 GitHub

Education

IT Engineering Studies [ESPRIT University](#)

Ariana, TN 2022-Present

Pre-Engineering Studies [IPEIN - University of Carthage](#)

Nabeul, TN 2019-2022

Experience

Vision Age VFX , Software Engineer

VFX Jun/2025 - Oct/2025

- Engineered a cross-platform Flutter application, designing a scalable backend with Firebase, Node.js, and Python.
- Built WebRTC streaming server (Python/NGINX/FFmpeg) integrated with Flutter for real-time video.
- Managed full-cycle feature delivery: from Firebase Auth & Stripe payments to media storage on AWS S3/Firebase Storage.

FUNDLY, Co-founder & Software Engineer

Fundly Jan/2025 - Present

- Co-founded a startup developing an innovative fintech solution (currently in active development)
- Leading full-stack development of the platform using modern technologies
- Designing system architecture and implementing core features for MVP release
- Establishing development workflows and technical documentation standards

LETAFF, Software Engineer

LETAFF Jul/2024 - Sept/2024

- Developing a portfolio for an IT company.
- Designing and implementing modules to ensure contact with users.
- Enhancing user experience with a user-friendly interface to promote projects and services.

Projects

Kidney Matching System, [\(GitHub\)](#)

Empower X-Hack Hackathon Juin/2025 - Juin/2025

- Developed a kidney matching web app for hospitals, leveraging blockchain technology to secure patient data integrity and enable transparent, auditable tracking of the transplant process.

GreenEnergyChain, [\(GitHub\)](#)

ESPRIT Feb/2025 - May/2025

- A mobile application developed allowing the sale of surplus renewable energy (solar, wind) via a secure blockchain. It integrates IoT sensors for real-time monitoring and uses AI to optimize energy distribution.

Echo Talent, [\(GitHub\)](#)

ESPRIT Oct/2024 - Dec/2024

- A mobile application developed allowing the reinvention of recruitment through AI and video. Candidates apply by recording a video to present their skills and motivations. The platform uses AI to analyze key skills, emotions, and profile relevance.

SwiftMinder,

ESPRIT Feb/2023 - May/2024

- An application developed for web, mobile, and desktop platforms allowing the management of sport club: Management of staff, elections, articles, store and stadium reservations.

Skills

- Programming Languages:** Python, Java, JavaScript, Dart, Swift-ios .
- Frameworks** Spring, Flutter, .Net, NestJs .
- DBMS:** MongoDB, FireBase, MySQL, PL/SQL .
- Versioning:** Git, Github .
- Software** Visual Studio, IntelliJ IDEA, Android Studio, StarUML.
- Soft skills:** Communication, Public speaking.

Interests

- Football, Sports & Gaming

Languages

- Arabic** (Native)
- French** (B2)
- English** (B2)