

MOHAMED AZIZ EL ARBI

Junior Mobile Software Engineer | Flutter · Kotlin · Swift | Backend: Node.js · Express

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PROFESSIONAL SUMMARY

Engineering graduate (ESPRIT, 2025) combining cross-platform mobile development (Flutter, Kotlin, Swift) with backend engineering (Node.js, Express.js, Spring Boot), delivering complete product features end-to-end from mobile UI to REST API. Delivered 3 mobile applications across 2 internships using MVVM architecture, REST API integration, and CI/CD pipelines. Comfortable in Agile/Scrum teams, fluent in English and French. Full project portfolio, including source code, available at mohamed-aziz-el-arbi-portfolio.vercel.app.

PROFESSIONAL EXPERIENCE

Mobile & Backend Developer – Final Year Internship

Feb 2025 – Aug 2025 (6 months)

Tdiscount Market, Tunis · project detail & code: see Portfolio

- Built 2 cross-platform mobile apps (client app + vendor dashboard) with Flutter & MVVM architecture, delivering full product browsing, order placement and sales analytics workflows.
- Improved code quality by integrating SonarQube into GitHub Actions CI/CD pipelines, streamlining code analysis and reducing manual quality checks.
- Designed & implemented RESTful backend services in Node.js/Express.js for vendor operations, product management, order workflows, and analytics features.
- Collaborated in weekly Agile sprints, contributing to backlog refinement, debugging, and the delivery of three major product releases.

Mobile Developer Intern

Jul 2024 – Aug 2024 (2 months)

Start-up Tabaani, Tunis

- Extended an existing web platform into a cross-platform Flutter mobile application, delivering feature parity with the web version.
- Integrated REST APIs for real-time data synchronisation and developed responsive, reusable UI components.
- Improved application stability through debugging, testing, and performance optimization.

Web Developer Intern

Jul 2023 – Aug 2023 (2 months)

Zedney Creative, Tunis

- Developed and enhanced frontend features using React, JavaScript, HTML, and CSS while integrating backend REST APIs.
- Participated in code reviews, testing, and production deployments within an Agile development environment.

EDUCATION

Engineering Degree in Computer Science (Software Engineering)

2020 – 2025

ESPRIT – Private Higher School of Engineering and Technology, Tunis

TECHNICAL SKILLS

Mobile Development	Flutter (Dart) · Native Android (Kotlin) · iOS (Swift)
Backend	Node.js · Express.js · Spring Boot · REST API Design
Frontend	React · JavaScript · HTML · CSS
Databases	MongoDB · SQL
DevOps & Tools	Git · Docker · CI/CD · GitHub Actions · Jenkins · SonarQube · Postman · Jira
Practices	Agile/Scrum · MVVM Architecture · Clean Code · Unit Testing

LANGUAGES

Arabic — Native | French — B2 | English — B2