

Majdi Aribi

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Tunis, Tunisia

Software Engineer

PROFILE

Software Engineer specialized in mobile application development with Flutter and backend development in Go, with hands-on production experience building and shipping cross-platform apps at Pass-Consulting. Recent focus on integrating AI agents and LLM-powered features into mobile products, from architecture design to deployment. Comfortable owning a feature end-to-end: UI/UX design, clean architecture, Go backend logic, testing, and CI/CD.

PROFESSIONAL EXPERIENCE

Software Engineer — Mobile & AI Agent Integration (Flutter)

January 2024 – Present

Pass-Consulting — Tunis, Tunisia

- Built and shipped cross-platform mobile applications in Flutter for client projects, taking ownership from concept to production release.
- Designed and integrated AI agents and LLM-powered features (conversational flows, automated workflows, intelligent assistants) into mobile applications, connecting them to a PocketBase (Go) backend.
- Led application concept design through brainstorming sessions, producing attractive and functional UI/UX designs while applying clean architecture principles.
- Developed the Flutter front-end and extended the PocketBase backend with custom Go hooks and API endpoints, writing rigorous unit tests and maintaining clean, reusable code.
- Collaborated with the Product Manager and cross-functional team using Jira for task management and GitLab for version control, resolving bugs and delivering new features to meet deadlines.
- Built robust data systems and ensured ongoing maintenance to guarantee long-term performance and reliability of applications in production.

Full-Stack Developer (Flutter / Node.js)

June – August 2023

Koofin Start-Up — Tunis, Tunisia

- Developed an advanced mobile app prototype using Flutter and Node.js.
- Generated ideas, planned the app concept, and created UI/UX designs.
- Created unit tests to ensure each component of the app functioned correctly.
- Built the front-end, back-end, and data systems, collaborating closely within the team.

Flutter Teaching Assistant

January – June 2023

Campusna — Tunis, Tunisia

- Teaching assistant for a mobile application development course on Dart and Flutter.
- Helped students learn the framework and build native applications.
- Demonstrated strong communication and problem-solving skills.

EDUCATION

Full-Stack Developer Program

May 2022 – 2024

Holberton School — Tunis, Tunisia

- Foundation: solid base in computer science, including C, Python, Bash shell, and data structures.
- Specialization: full-stack development — React, Sass, HTML, CSS (front end), Dart, Flutter, TypeScript, Flask (backend), SQL Server, MongoDB (databases).

Higher Technician in Marketing and Multimedia

2020 – 2023

Sectoral Training Center in Telecommunications — Ville El Khadra, Tunisia

- Marketing: strategies for promoting products/services, consumer behavior, advertising campaigns.
- Web Development: designing, building, and maintaining websites and mobile apps using HTML, CSS, JavaScript, Dart, and Flutter.

SKILLS

Mobile Development: Flutter, Dart, cross-platform architecture, clean architecture
Backend Development: Go, PocketBase (custom hooks & endpoints), Node.js, Flask
AI & Automation: AI agent integration, LLM-powered features, prompt/workflow design
Tools & Databases: SQL Server, MongoDB, Git, GitLab, Jira, CI/CD
Languages: French, English, Arabic

REFERENCES

Available upon request