JESSER HAMDI

📍 Bizerte, Tunisia | 📱 +216 52 522 372 | ✉ jasser.hamdi@fsb.ucar.tn

in linkedin.com/in/jesser-hamdi-5b071a238

PROFESSIONAL SUMMARY

Motivated Software Engineering student specializing in **Flutter mobile development**, IoT, and AI. Experienced in designing, building, and publishing mobile applications and connected-device solutions. Seeking a **PFE internship** as a Mobile Developer to contribute to innovative teams and grow technical expertise.

TECHNICAL SKILLS

Mobile	Flutter, Dart, Android Studio
Backend & Web	Spring Boot, Express.js, Jakarta EE, Java, JavaScript, Python, C
Frontend	React.js, AngularJS, HTML, CSS
Data & Analytics	Pandas, NumPy, Power BI, Business Intelligence concepts
Databases	SQL Server, SQLAlchemy, JDBC
Tools & Others	Git, Figma, LaTeX, SQL Server Management Studio

EXPERIENCE

Summer Intern — SAGEMCOM   July 2024 — Tunis, Tunisia

– Built an ETL pipeline to extract, transform, and load business data.
– Developed BI workflows and dashboards using SQL Server, Power BI, and Python (Pandas).
– Strengthened understanding of data analytics and automation in industrial contexts.

Flutter Developer — Personal Projects   2022 – Present

– **SalahMate:** Full-featured Islamic app providing prayer times, Quran reading and audio playback, adhkar, Qibla compass, Hijri calendar, and customizable notifications. Includes multi-language support (Arabic, English, French), UI scaling for all devices, dynamic theming (light, dark, black), and battery-optimized background services. Google Play Store

– **PlantCare (IoT & AI Project):** Smart greenhouse system built with BeagleBone, integrating Flutter frontend and Firebase backend. Features live sensor data visualization (temperature, humidity, light, pressure), configurable thresholds with alerts, and an AI module (TensorFlow Lite) for plant disease detection via image analysis.

– **Flag Frenzy:** Gamified educational app with multiple quiz modes, achievements, daily rewards, coin economy, and profile synchronization using Supabase and Google Sign-In. Implements progression engine, ad monetization, and modern UI design for an engaging user experience.

EDUCATION

2023 – Present	**Engineering Degree in Software Engineering** at Faculté des Sciences de Bizerte (FSB), Université de Carthage Bizerte, Tunisia — Expected Graduation: 2026

LANGUAGES

Arabic	Native
English	Fluent
French	Intermediate