WAEL WEDERNI

FULL STACK SOFTWARE ENGINEER | .NET DEVELOPER | MOBILE DEVELOPER

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📍* Tataouine, Tunisie

SKILLS

Langages : Java, JavaScript, Swift, Dart, C#
Technologies : Vue.js, Flutter, Xamarin, MAUI, ASP.NET, Android
Outils : Git, GitLab, Azure DevOps

EXPERIENCE

07/2022 – Present **Full Stack - Mobile Application Engineer (Permanent)** NeoLedge, Zarzis

- Design and development of a hybrid mobile application using **Capacitor** and **Vue.js**.
- Created custom native plugins (**Java/Swift**) for **OIDC authentication**, advanced **WebView rendering**, and **file download** .
- Provided technical support for mobile and **UWP** applications, ensuring timely issue resolution and effective bug fixes.
- Designed and launched new features for a **UWP** electronic signature app, improving the overall user experience.
- Led major updates for a native **Xamarin** mobile app, boosting stability and performance.
- Managed ongoing maintenance and iterative updates for the apps, ensuring they stayed up-to-date and functional.
- Integrated OpenID Connect (**OIDC**) authentication for the mobile app, connecting with **Azure Active Directory** and other identity providers like **Keycloak**.
- Contributed to **60%** of a solution that allowed web users to sign documents digitally through a browser extension and CLI, using **Vue.js**, **NativeHosts**, and **C#**.
- Coordinated migrations and updates for mobile apps, streamlining deployment processes.
- Worked on product certification with the **National Agency for Electronic Certification**, helping smooth the path for future releases.
- Developed and integrated digital signatures for PDFs using **iText**, enhancing document security in BackEnd **Asp.Net**.
- Provided fast customer support and delivered quick bug fixes, ensuring users were always satisfied.
- Used **Azure DevOps** for continuous integration, delivery, and project management tasks.
- Led the creation and deployment of **UWP/Xamarin** apps using **Azure Pipelines** and **AppCenter**.
- Gained experience with the **SCRUM** methodology, contributing to agile project management and collaboration within teams.

02/2022 – 06/2022 **Mobile Developer Intern – ECM Integration (Final Year Project)** NeoLedge, Zarzis

- Conceptualized and built a cross-platform mobile application using **Flutter** to extend access to **ECM Elise software**, improving document lifecycle management.
- Applied **Clean Architecture** principles to enforce a clear separation of concerns between **Presentation**, **Domain**, and **Data** layers, enhancing testability and maintainability.
- Used **GetX** for lightweight state management, routing, and dependency injection to simplify the UI layer and controller interactions.
- Leveraged **BLoC** in combination with GetX for handling complex business logic and reactive state flows in the domain layer.
- Integrated a native Android module via **Platform Channels** to scan documents with the device camera, using **OpenCV** for image filtering and enhancement.
- Connected the app to **Azure DevOps** using secured REST APIs, enabling real-time task syncing and user authentication with enterprise systems.
- Designed custom UI components using reusable widgets and applied best practices for responsive design across platforms.

01/2020 – 07/2020 **Android Developer (Part-Time) – Client-Focused App Development** ETAII Software, Sfax

- Developed **Android/Java** mobile applications for various clients, ensuring high quality and customer satisfaction.
- Built microservices using **Node.js** with the **Firebase API**, improving system performance.

EDUCATION

09/2019 – 06/2022 **Computer Engineering** Higher Institute of Computer Science and Multimedia of Sfax
Specialization in web technologies and multimedia

09/2016 – 06/2019 **Higher Technician in IT Technology** Higher Institute of Technological Studies of Sfax
Specialization in embedded and mobile systems

09/2013 – 06/2016 **Baccalaureate in Experimental Sciences** Rogba High School of Tataouine

LANGUAGES

Arabic - Native **French** - Bilingual **English** - Intermediate