Younes MEGAACHE

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EXPERIENCE

Software Engineer – Wearables *Mar 2024 – Present*

HUAWEI Technologies – Dubai, UAE

- Lead full-cycle development of HarmonyOS smartwatch applications for partners such as Emirates Airline, Anghami, Carrefour, Tawsal, Dubai Sports and others, utilizing ArkTS, JavaScript, and HarmonyOS UI declarative frameworks (ArkUI/HML/CSS).
- Develop an Android SDK wrapper for the Huawei Wear Engine SDK reducing integration time by 50%.
- Provide technical support for seamless data synchronization between Android and HarmonyOS devices.
- Design and implement user interfaces in Figma, translating requirements into user friendly layouts for wearable devices.
- Work closely with Product Managers and QA in Agile sprints to deliver projects.
- Mentor junior developers by sharing best practices in HarmonyOS development and ArkTS/ArkUI technologies.

Software Engineer - Mobile *Jan 2020 – Mar 2024*

HUAWEI Technologies – Dubai, UAE

- Integrated HUAWEI Mobile Services (HMS) into native and React Native apps for major partners, including Carrefour, Dubai Police, Virgin Mobile, Dubai Mall, and many more.
- Created custom HMS plugins for React Native, improving developer experience and reducing integration time for services like Site and Location SDKs.
- Developed a tool for APK decompiling and static analysis to troubleshoot, analyze app tech stacks, and guide integration improvements using Node.js, Apktool, and JADX.
- Developed and deployed an automation platform with Next.js, MongoDB, and Node.js, saving 2+ hours daily by streamlining routine tasks.
- Led the development of APPFinder, an Android app store with 2M+ Installs, using MVVM architecture, Kotlin, coroutines, Flow, and dependency injection.
- Built an internal Android app to track device and customer information, using Kotlin and Next.js, improving Huawei customer service efficiency.
- Provided hands-on technical support for HUAWEI, Google, and Firebase services, resolving 90% of critical technical issues.
- Expanded Huawei developer ecosystem by onboarding over 50 developers through workshops, online meetings, tech talks, and publishing technical articles.

Full Stack Web Developer *Nov 2018 – Nov 2019*

Algebratec Technologies – Constantine, Algeria

- Automated Angular project creation with Node.js scripts, saving four weeks of development time and maximizing code reuse.
- Managed clients projects by creating a dashboard using Angular and Laravel.
- Improved the company's brand image by designing a modern website using WordPress.
- Built a web scraping tool with Goutte/PHP to automate data collection from hotel websites.
- Developed API documentation pages using Swagger-UI, simplifying API integration.

Android Developer   *Nov 2016 – Oct 2019*
Constantine, Algeria

- Published 25+ Android apps to Google Play, applying Java, Android SDK, Firebase, and Google APIs.
- Created two Android games with Java + libGDX, gaining experience in graphics, performance optimization, and gameplay mechanics.
- Built and deployed RESTful APIs using PHP (Laravel), enabling backend functionality for my Android apps.

EDUCATION

Bachelor Degree of Computer Science   *2015 – 2018*
University of Abdelhamid Mehri – Constantine, Algeria

Relevant courses: Data Structures, Algorithms, Object-Oriented Programming, Database Management, Android Development, Web Development.

TECHNICAL SKILLS

- **Programming Languages:** Kotlin, Java, JavaScript, TypeScript, ArkTS
- **Mobile Frameworks & SDKs:** Android SDK, Jetpack Compose, HMS SDK, HarmonyOS SDK, React Native
- **Web Frameworks & Libraries:** Next.js, Node.js, React, Laravel
- **Databases:** MongoDB, SQLite, PostgreSQL
- **Tools & Platforms:** Git, Figma, Firebase, ApkTool, Swagger-UI

LANGUAGES

- **English:** Fluent/Bilingual
- **Arabic:** Native/Bilingual
- **French:** Limited proficiency