

Senior Full-Stack and Embedded Developer

Ibrahim Mostafa Mohamed

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Summary

- As a skilled software engineer, I have been working for +9 years of software development in many unique products and clients, using various platforms, technologies, and operating systems. Everything from web apps front-end or backend, mobile apps native or cross-platform, desktop apps, and even low-level apps for embedded devices. Various solutions experience. ERP, SaS, time attendance, visitor management, asset tracking, parking/valet solutions, RFID SDKs, biometric devices SDKs, IoT devices and protocols (e.g., SPI, I2C..etc), and embedded microcontrollers/Linux are mastered very well.
- Innovative thinking, problem solving and updated knowledge for the latest platforms, technologies, and development trends
- Software design architectures, software engineering cycle and agile development, and leadership and mentoring for juniors
- Eager and love to learn new technologies quickly

Experience

Feb 2015 – Feb 2024

Qudra-Tech, Riyadh – *Senior Full-Stack Developer*

- Design, architect and development of tens of unique software products on various platforms and frameworks
- Years of development on C#, Java, Asp Net Core, web responsive apps, jQuery, CSS, Angular, SQL Server, Android (Java, Kotlin, Flutter, Xamarin), WinForms/WPF, SSRS reporting, Telerik/Kendo, Linux bash scripting, Gtk GUI, and Python for AI
- Proficiency on design patterns, dependency injection, UI design, API/backend implementation, TCP socket programming, multi-threading, various SDK for devices (e.g., RFID or biometric devices), computer science topics, AI deep learning (DNNs), and innovative ideas
- Development of various solutions for ERP, SaS, cloud apps, multi-tenancy, car-parks, time attendance, asset tracking, passport / identity OCR, embedded firmware development, Linux driver development, and IoT protocols/electronics (even PCB Design)

Jan 2015 - Feb 2015

Annozom Assodasiyyah, Riyadh – *.NET Software Developer*

- Development and maintenance an existing complex system for a local university
- Using Asp Net Web Forms, SQL Server database, JavaScript, jQuery, CSS and Bootstrap

Dec 2014 - Jan 2015

DenTech, Dammam – *PHP Software Developer*

- PHP Development with MySQL, CSS, JavaScript, and jQuery
- Many apps such as car showroom management systems.

Education / Awards

Sep 2010- Jul 2014

Ain Shams University, Cairo – *Computer Science Bachelor*

- Excellent GPA for designing a new .NET-framework based Arabic programming language (Dhad ض) and its compiler
- Microsoft certified on the “Querying SQL Server databases” exam