



# Abderrahmane Mokrani

## Full Stack Developer

Passionate Full Stack Developer with 4+ years of experience.

Specialized in Native and Hybrid Mobile Application Development as well as Web Application Development using modern SPA frameworks, REST-full APIs, and Microservices Architecture incorporating Agile development methodologies.

I am also experienced with multiple Operating Systems including Windows, Linux/Unix, and a variety of Development Tools and Programming Languages. Team player with a keen eye for details and strong analytical and problem-solving skills.

### • Personal Info

- 📍 Abu Dhabi, UAE
- ☎ +971 54 566 8628
- ✉ m.abderra7mane@gmail.com
- 📅 August, 28, 1991
- 🌐 [m-abderra7mane](#)
- 🌐 [abderra7mane.com](#)

### • Skills

Angular Framework  
React JS  
Node JS  
Python  
ASP.NET Core  
MongoDB  
SQL Server  
MySQL  
REST-full APIs  
Amazon Web Services  
Microservices Architecture  
Docker  
Android Development  
Hybrid Mobile Development  
NativeScript  
Xamarin.Forms  
Ionic Framework  
PHP  
C / C++  
Java (Standard)

### Highlights

- Technically qualified in several Operating Systems
- Able to develop Mobile and Web Applications for a variety of industries
- Experienced with all stages of the Development Life Cycle
- Experience with Agile development methodologies
- Well versed in numerous Programming Languages

### • Experience

Dec 2020 –  
Feb 2021

#### Senior Software Developer

**AARNA Capital** – Abu Dhabi, UAE ([www.aarnacapital.com](http://www.aarnacapital.com))

- Develop new features and perform maintenance on existing web applications.
- Diagnosing and rectifying performance issues.
- Used React JS framework to create a Single Page Applications
- Used Git for version control
- Used Unit Testing to assure functionality and quality of the code

**Technologies:** ReactJS, JavaScript, ASP .NET Core, SQL Server, Windows Server, Git, Jenkins, Docker.

Oct 2018 –  
Oct 2020

#### Full Stack Developer

**Optimus FZCO** - Dubai, UAE ([www.optimusme.com](http://www.optimusme.com))

- Developing cross-browser and cross-platform compatible solutions.
- Develop new features and perform maintenance on existing web applications.
- Diagnosing and rectifying performance issues.
- Used AWS Services to build back-end business and service APIs
- Used Angular framework to create a Single Page Applications
- Used Git for version control
- Used Unit Testing to assure functionality and quality of the code
- Applying Scrum agile methodology for project management

**Technologies:** AWS Services, Angular, REST-full APIs, MongoDB, Git, Docker, Node JS, JavaScript, Typescript, NativeScript, HTML/CSS, Python, WebRTC, WebSockets

Qt Framework

SQL / NoSQL

C#

Git

Virtualization

Networking

Troubleshooting

## • Software

Android Studio

Visual Studio

VMware

Linux/Unix

Windows Server

SQL Server

MySQL

MS Office

MS Project

## • Languages

Arabic

English

French

Jan 2018 -  
May 2018

Jun 2017 -  
Aug 2017

Mar 2017 -  
Jan 2018

### Achievements:

- **Helix EMR:** EMR (Electronic Medical Records) Platform for Healthcare Entities

## Application Developer

**Bitibex** - Dubai, UAE

- Design and Development of a Mobile E-Wallet for Cryptocurrencies
- Develop applications for POS Terminals for a new Payment System using Cryptocurrencies
- Integrate custom SDKs from different manufacturers of POS Terminals
- Collaborate with designers to create clean interfaces and simple, intuitive interactions and experiences.
- Integrating APIs from different providers.

**Technologies:** Android SDK, Blockchain, Firebase, REST-full APIs, Java, Python, JavaScript, PHP

### Achievements:

- **PaidEx Wallet:** Android PaidEx E-Wallet
- **PaidEx Smartwatch App:** Samsung Smartwatch App
- **PaidEx Vendor App:** Point of Sale Apps
- **PaidEx Payment System:** Video Demonstration of PaidEx Payment System <https://goo.gl/99H51W>

## Android Developer

**Beitcan** - Constantine, Algeria ([www.beitcan.com](http://www.beitcan.com))

- Part of a team that would plan develop and create mobile applications to match the needs of industrial clients.
- Used Xamarin.Forms to build mobile applications
- Diagnosing and rectifying performance issues.
- Used Git for Visual Studio for version control with Team Foundation Server
- Unit testing created code to assure functionality and quality
- Applying Scrum agile methodology for project management

**Technologies & Tools:** Xamarin.Forms, REST-full APIs, Visual Studio, SQL Server, Windows Server, Ubuntu Server, ASP.NET WebAPI, GIT, Team Foundation Server (TFS), .NET C#, XAML, Entity Framework

### Achievements:

- **NapInMap:** <https://goo.gl/ea7VA7>

## Web Developer

**Beitcan** - Constantine, Algeria ([www.beitcan.com](http://www.beitcan.com))

- Developing cross-browser and cross-platform compatible solutions.
- Develop new features and perform maintenance on existing web applications.
- Diagnosing and rectifying performance issues.
- Used .NET technologies to build back-end business and service APIs
- Used AngularJS and Angular 4 frameworks to create a Single Page Applications (SPA)

- Used Git for Visual Studio for version control with Team Foundation Server
- Unit testing created code to assure functionality and quality
- Applying Scrum agile methodology for project management

**Technologies & Tools:** AngularJS, Angular, REST-full APIs, ASP.NET WebAPI, C#, Bootstrap, SQL Server, MySQL, GIT, TFS, Visual Studio, Windows Server, Ubuntu Server, .NET Core, Node JS, Bootstrap Studio, .NET C#, JavaScript, Typescript, HTML/CSS, Entity Framework

**Achievements:**

- **Albeyt:** Real Estate Listing
- **Halal Boucherie:** Halal Meat Order and Delivery in France  
<https://goo.gl/x24APR>
- **SooWatt:** Electricity Consumption Monitoring and Control  
<https://goo.gl/Mti2Wo>

Jan 2016 -  
Jan 2017

## IT Supervisor

**EST** - Tipaza, Algeria

- Assessed system problems with the network, software or hardware components.
- Surveyed network usage and logged various points of access to focus on improving system performance.
- Acted as escalation point for troubleshooting advanced network/systems issues.

Feb 2014 -  
Jun 2014

## System Administrator

**Network Solutions** - Algiers, Algeria

- Ran tests on computer programs, hardware elements and network devices to keep speeds and performance.
- Administered, managed, and installed Linux Red Hat, CentOS, and Ubuntu servers
- Created a Linux cluster with multiple nodes on Red Hat/CentOS to maintain application high-availability
- Installed iptables firewall to more effectively manage NAT rules and packet filtering

Sep 2014 -  
Jun 2015

## Graduation Project Internship

**Advanced Technologies Development Center (CDTA)** - Algiers, Algeria ([www.cdta.dz](http://www.cdta.dz))

**Theme:** Contribution to power optimization in photovoltaic systems using metaheuristics with testing on FPGA using High Level Synthesis.

**Technologies:** C/C++, Qt Framework, FPGA, Xilinx ISE, Xilinx Vivado, HLS (High Level Synthesis).

Jul 2013 -  
Aug 2013

## Internship

**Advanced Technologies Development Center (CDTA)** - Algiers, Algeria ([www.cdta.dz](http://www.cdta.dz))

**Theme:** Implementation of an encryption algorithm for a microprocessor on FPGA.

**Technologies:** C/C++, FPGA, Xilinx ISE.

## Education

Sep 2014 -  
Jun 2015

## **Master in Computer Science**

**National High School of Computer Science (ESI) - Algiers, Algeria**  
([www.esi.dz](http://www.esi.dz))

Sep 2010 -  
Jun 2015

## **State Engineer in Computer Science**

**National High School of Computer Science (ESI) - Algiers, Algeria**  
([www.esi.dz](http://www.esi.dz))

## **Courses**

Jan 2013 -  
Jun 2013

Project Management Training Course

Sep 2013 -  
Jun 2014

CCNA Training Course