Omar Oualha
Software Engineering

Highly **seasoned and dedicated** IT Professional with all-round **technical expertise** & an exceptional record of **client satisfaction**. Adept at facilitating clear and transparent communication between all levels of company staff. Able to **work well independently or in coordination with a team**. Extensive **practical knowledge of complex systems' hardware, software & network.**

Detail-oriented | Organized | Problem Solver | Diplomatic | Creative | Genuinely

Personal Details

Adress: Fitzmauricestraße 10, 50829 Köln, Germany

Email: oualhaomar@gmail.com

Phone number: (+49) 178 6992862

Date of birth: 1994-04-28

Website: omaroualha.github.io/

Professional Experience

OneFID GmbH | Cologne - Germany
March. 2019 – Present
FULL STACK DEVELOPER

Task:
Developing both client and backend component for the 3D foot Scanner, 3D visualization, Server logic, Rest Apis, App Store deployment, CI/CD, Containerization, SCRUM.

Building and Implementing advanced webAssembly solution to compile C++ program on the web browser

Technology stack:
- ReactJS - React Native - Expo - Typescript - ExpressJS - WebRTC - OpenCV - three.js - Emscripten - webAssembly (WASM) - Make - I18n - Cypress - Gitlab CI - Docker..

OOREDOO | Tunisia
Jan. 2018 – June. 2018
System and Networks Administrator

Task:
- Routing Protocols RIP EIGRP OSPF BGP MPLS VRF.
- Configuration DNS, Active Directory, IDS, OpenVPN.
- Installation and management of backup tools.
- Configuration and maintenance of Pfsense Firewalls.

RESULTS - The establishment of the whole Networking infrastructure.

Technology stack:
- Windows Server - Exchange - Vmware - ZABBIX monitoring - Apache - FTP - FileZilla - ZIMBRA(mail) - MongoDB - GNS3 - LINUX.

ESPRIT | Tunisia
sep. 2017 – Dec. 2017
DEVELOPMENT AND INTEGRATION PROJECT (ACADEMIC PROJECT)

Task:
I was involved in all aspects of development, creating a website, mobile application, after the conception of the database for the management of claims and insurance

Technology stack:
- Java - JavaEE - Spring - SpringBoot - Maven - XHTML – React native - ReactJS

FREELANCE | Tunisia
June. 2017 – Aug. 2017
Full Stack Developer

Task:
Conception and development of a Multi-services Forum where you can get the latest news about movies, TV Series and Games. The forum is developed as a web application. We used different technologies for the development of the back end and front end of the application.

Technology stack:
- Python - Django - MongoDB - Angular – Javascript - REST API .

ESPRIT | Tunisia
Jan. 2017 – May. 2017

E-COMMERCE WEB APPLICATION

Task:

conception and development of a multiplatform Deals shop. The deals allow people to get the best deals In Tunisia, to get discounts on a variety of goods such as food, clothes, restaurants, cosmetics...

Desktop: Developing an Office Application based on APIs and using the JavaFx graphical library.

Web: Creating a web application with the Symfony3 Framework and integration of external bundles (Friends of symfony User(FOS), BBcode ...).

Mobile: Creating a Mobile App with the Code Name One Framework and integration of external services (websocket).

Technology stack:

- UML - Java8 - JavaFX - Symfony3 - twig - HTML - CSS - JavaScript - Ajax - JQuerry - CodeName One - SQL - JSON -XML

Medianet | Tunisia
Jan. 2016 – Oct. 2016

Ful Stack DEVELOPER (GRADUATION PROJECT)

Task:

Developing both client and server side web application for health & lifestyle. A doctor linkedIN where you can get all information about the nearest doctor or pharmacy to you, Manage doctors and patient appointments.

Technology stack:

- UML - PHP5 - SQL - HTML5 - CSS3 – Javascript - Agil Methodologie - Scrum - Design - Adobe Photoshop - Adobe Illustrator

Education

ESPRIT (The higher institute of engineering and technology)
Sep. 2016 – June. 2019

Field: Software Engineering, ENGINEERING CURRICULUM
Result: Extensive Achievement – A+ in the 1st grade

The Higher institute of Multimedia Arts "ISAMM"| Tunisia
Sep. 2013 – June. 2016

Field: Computing and Multimedia (Computer Science) , Bachelor Degree
Result: Honors: on top of the institution grades

Languages

- Arabic
- French
- English
- Deutsch

- Native
- Fluent - C1.
- Well - B2
- Beginner (A2-level)

Volunteering / Internships

Summer Camp, Ukraine
Jun. 2015 – Aug. 2015

Web Development summer internship

DUTIES :

- Designing and implementing a website to manage children's camps holiday requests.

Technology stack:

- UML – PHP – Wordpress - SQL.

AIESEC | MEDINA
2014 – 2016

The Vice President in charge Marketing and Communication

Task:

- Planning within the Executive Board the projects of the next mandate.
- Manage the team on internal and external communication.
- Manage teams to achieve event success.
- Train Members on Marketing Plan.
- Prepare reports of the activity.
- Team building to motivate the team.
- Search for sponsors

Certifications | AWARDS
2017 - 2018

- Cisco Networking Academy Entrepreneurship
- CCNAroutingandswitching

Technical Skills

Programming Languages: javascript | typescript | Java | SQL | PHP | Script Shell | Python

Freamwork: reactJS | React-Native | Expo | Angular | Node.js | ExpressJS | Django | Emscripten | webAssembly | Symfony

CMS: drupal | wordpress

DataBases: SQL | PLSQL | NoSQL | ORACLE.

Devops: Gitlb CI | pipline CI-CD | Docker | Kubernetes.

Environments: Linux | Windows | Ubuntu | OS X.

Modelization: UML(Unified Modeling Language) | Scrum | Agil

IDE and Software: Adobe PhotoShop | Adobe Illustrator | NetBeans | Eclipse | Apache | Tomcat | PHPStorm | Vs code | GIT GUI | Sublime Text | Talend | Jboss | Xcode.