

SHILI MOHAMED AYOUB

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EDUCATION

HIGHER INSTITUTE OF APPLIED SCIENCE AND TECHNOLOGY OF SOUSSE

Software Engineer National Diploma

Sousse, TN

Sep 2019 – Aug 2022

Software architectures , advanced algorithms , cloud programming and database management.

Web development and software development with : C#, Java ,C++.

HIGHER INSTITUTE OF APPLIED SCIENCE AND TECHNOLOGY OF SOUSSE

Preparatory Cycle

Sousse, TN

Sep 2017 – Jul 2019

Applied mathematics, physics, and computer science include algorithms.

EXPERIENCE

METAM

Software Engineer

Montreal, Canada (Full Remote)

Sep 2022 – Present

DATA INTEGRATION HUB

- Responsible for requirements gathering, conceptual design, analysis, detail design, development, system testing, user acceptance testing, data validation and version controlling.
- Creating Microservices for directing , tracking , centralising and integrating data between systems using Serverless Azure Functions.
- Implemented an algorithm for dynamic activities' orchestration using Azure durable functions.
- Developed and executed SQL commands for Bulk update , Bulk delete and Bulk Import with enhanced performances.
- Developed user-friendly interfaces using Blazor framework to manipulate the activities orchestration flow .
- Made pull requests for branches Opening Issues (+50 commit, + 4 branches).

DAILY LOG

- Worked in a ERP project (DAILY LOG) that manages day-to-day business activities such as accounting, project management, supply chain operations and human resource activities .
- Architected new user authorization and role provisioning features in our ERP application enabling greater efficiency, privacy, and security across the company.
- Developed + 10 APIs using .Net Core 6.
- Developed user-friendly interfaces using Blazor framework.
- Co-worked with the development team in an Agile Environment (Scrum).
- Made pull requests for branches Opening Issues (+50 commit, + 3 branches).

IYA Soft

Web Developer, Internship

Tunis, Tunisia

Feb 2022 – July 2022

Madrassaty

- Worked in a project for private french schools management.
- View member performance, personalised learning, absenteeism, classes, exams.
- Generate more interactions between the establishment, teachers, students and the parents.

- Migration of a legacy code: the Back-end from .net Framework 2.7 to .net Framework 4.5 and the Front-End from angular 7.0 to version 13.
- Remodelling the database to fix the old architecture.
- Integration of repository design pattern.
- Developed + 20APIs using .Net Framework 4.5.
- Developed user-friendly interfaces using Angular.
- Implemented realtime messaging and notification system using SignalR.
- Participated in the implementation of unit tests and CI/CD pipelines on AzureDevops.
- Co-worked with the development team in an Agile Environment (Scrum).
- Made pull requests for branches Opening Issues (+50 commit).

Genext IT

Mobile Applications Developer, Internship

Sousse, Tunisia

Jun 2021 – Sep 2021

CoGenext

- Participated in the development of a mobile application (CoGenext) which is a platform for connecting freelancers and project owners.
- Developed user-friendly interfaces (+15) using Flutter.
- Co-worked with the development team in an Agile Environment (Scrum).
- Made pull requests for branches Opening Issues (+50 commit, +5 branches).

ACTIVITIES AND LEADERSHIP

Genext Students Club

Vice President and Team Leader

Sousse, Tunisia

Sep 2018 –Sep 2021

- Organised and advertised events within a team of 15+ motivated students 10+ events with 400+ participants across the university.
- Organised 15+ workshops and coding competitions .
- Led JavaScript training workshops as an instructor.

SKILLS

Programing languages: C#, C++, Java, TypeScript, Dart

Framework: .Net Core 6, .Net Framework, Entity Framework, Blazor, Angular, Flutter

Database: MySQL, MongoDB

Other: SignalR, Azure Functions, Azure logic apps, Azure DevOps, CI/CD, Linux, Git, Autofac, Xunit

Soft Skills: Flexibility , Curiosity, Motivation, Team Work, Communication, Googling

Languages: English , French , Arabic , German(Basic)

Methodology: Agile(SCRUM)