

Software Developer With 4-Year Track Record of Leading Software Development

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SUMMARY

I am an avid learner and a passionate software engineer who loves re-searching, designing and building innovative and efficient solutions.

I started my journey as freelancer and contributor to FOSS at 2012. In 2017, I founded an IT consulting agency where I led a team of 8 software engineers undertaking projects for a dozens of clients across a variety of industry segments.

Seeking an opportunity to work in a start-up environment to solve challenging problems and to build large scale solutions.

Open to relocate or to work remotely.

EXPERIENCE

Lead Developer

08/2017 - Ongoing

Technology Innovation Network, SUARL

Sousse, TN

- Developed software for education, health, tourism and commerce sectors
- Improved code quality and stability of a server back-end software to achieve 0-downtime and 0-bugs for 2+ years
- Boosted code performance & efficiency to reduce infrastructure cost by 73%
- Migrated monolith single-tenant platform to a multi-tenant microservices based architecture

Back End Development Intern

02/2017 - 07/2017

Djagora Academy

Sfax, TN

- Developed RESTfull Web services using PHP/Laravel/Lumen
- Used MS BI tools to process real-time streams sent from mobile/IoT sensors

PORTFOLIO

More of my projects are on my GitHub account and at TIK website.

Etakwin Elearning platform

03/2019 - 06/2019

[Professional Project] An All-in-One SaaS Elearning platform to create online schools and to market and sell online content.

Python Django Vue.js Postgresql REST API Multi-tenant

Mastermind

03/2015 - 05/2015

[Academic Project] Cross-platform C implementation of Mastermind for desktop (CLI, GUI), Web (Emscripten) and Android (NDK).

C SDL2 CMake Texinfo Doxygen man

HTML5 Video Everywhere

12/2014 - 08/2015

[OSS Project] Browser add-on to migrate streaming websites to a HTML5-based video player. The add-on was used by 100.000 DAU.

JavaScript Firefox Add-on

I have contributed few patches to FOSS projects including Mozilla localforage, IPython, Jupyter QtConsole, Jshint fixmyjs, Less.js.

TECHNICAL SKILLS

Software/Web Development

Python

Django DRF Flask FastAPI Celery Pandas

JavaScript

TypeScript Node.js Vue.js

Go

Gin Gorm Protobuf gRPC

Databases

SQL Postgresql NoSQL MongoDB Redis

System Administration

Linux

Internal Architecture Performance tuning Systemd

DevOps

Bash Fabric Ansible Git Datadog Sentry

Containers & Virtualization

LXD/LXC Docker KVM Qemu

Familiar With

C

Ruby

Self-rating based on Dreyfus model.

SOFT SKILLS

- Project planning
- Decision making
- Time management
- Problem solving

EDUCATION

B.S. in Computer Science

2014 - 2017

Faculty of Science of Sfax

Sfax, Tunisia

Major Coursework: Data Structures, Algorithms, Systems Programming, DB Management, Distributed Systems, AI, OOP, Compiles, Computer Networks, Algebra, Analysis.

LANGUAGES

English

French

Arabic