MOEZ BOUHLEL

Software Developer With 4-Year Track Record of Back-End Software Development

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SUMMARY

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

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

Full-Stack Developer
Technology Innovation Network, SUARL

📅 08/2017 – Ongoing
📍 Sousse, Tunisia

- Led the design and the development of web services based on REST API for SaaS multi-tenant solutions
- Worked closely with the UI/UX developers to implement the front-end business logic and to integrate it with the API
- Enhanced back-end systems to scale as request and data volumes have grown larger and larger
- Boosted code performance & efficiency to reduce infrastructure cost by 73%
- Migrated a monolith single-tenant platform to a multi-tenant and microservices based architecture
- Major tech stack: Python/Django/REST, Go/Gin, TypeScript/Vuejs/Nuxt.js

Back End Development Intern
Djagora Academy

📅 02/2017 – 07/2017
📍 Sfax, Tunisia

- 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, to market and to 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 video player based on HTML5. 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

Familiar With

- **C**   ● ○ ○ ○ ○
- **Java**   ● ○ ○ ○ ○

❓ Self-rating based on Dreyfus model.

SOFT SKILLS

- Time management
- Decision making
- Problem solving

EDUCATION

B.S. in Computer Science
Faculty of Science of Sfax

📅 2014 – 2017
📍 Sfax, Tunisia

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

LANGUAGES

- **English**   ● ● ● ● ○
- **French**   ● ● ● ● ○
- **Arabic**   ● ● ● ● ●