

TAHA AZIZ BEN ALI

Software engineer, free software hacker and amateur gardener.

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EDUCATION **Diplôme d'Ingénieur**
École Supérieure Privée d'Ingénierie et de Technologies Nov. 2024

EXPERIENCE **DevOps Engineer - Intern**
Sofrecom Tunisie – Tunis, Tunisia Feb. 2024 – July 2024

- Configured and administered an on-premises OpenShift cluster from the ground up providing a platform for state-of-the-art software delivery
- Configured a Podman-based runner for CI/CD pipelines using Ansible resulting in a quick and secure supply chain
- Setup CI/CD pipelines on GitLab for a project consisting of 15 Spring Boot microservices and libraries using custom-made templates
- Automated deployments of cluster-level (Strimzi, MinIO and LVM) and application infrastructure to OpenShift using reusable and fully-documented Terraform modules

Data Scientist - Intern
ESPRIT-Tech – Tunis, Tunisia July – Sept. 2023

- Reviewed and evaluated the latest research involving IEEE 802.11be coordinated networks
- Evaluated the correlation between different link parameters in 802.11ac using a plethora of numerical and visualization libraries

Backend Developer - Intern
Arab Tunisian Bank – Tunis, Tunisia July – Aug. 2022

- Developed a Ruby on Rails API allowing clients to make secure and instantaneous transactions with other (possibly external) clients using JWT for authentication and Twilio's messaging APIs for the underlying OTP mechanism

Full Stack Developer - Intern
Groupe HLi (now Inetum) – Tunis, Tunisia July – Sept. 2021

- Improved and rewrote parts of an internal legacy .NET web applications
- Fixed long-standing bugs and design inconsistencies

OPEN SOURCE **Giornata** 2024

PROJECTS Journaling system for GNU Emacs that is hierarchical in nature and unobtrusive by design.

Macchina 2021
Command-line system information tool powered by its own library, written in Rust with an emphasis on performance, available in a number of official package repositories and supporting a multitude of operating systems.

APTITUDE I'm a well-seasoned Linux user. I'm a maintainer of several open source projects written mostly in Rust and Lisp. I do my little experiments on an old laptop-turned-homelab currently powering Kubernetes among other delightful burdens. I find immense joy in designing and building my own computing environment, a great excuse to mess around with bleeding edge technologies.