

TAHA AZIZ BEN ALI

SOFTWARE ENGINEER

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EDUCATION	Ecole Supérieure Privée d'Ingénierie et de Technologies Engineer's degree	Sept. 2019 - Oct. 2024
EXPERIENCE	Sofrecom Tunisie DevOps Engineer Intern	Feb. 2024 - July 2024
	<ul style="list-style-type: none">Configured and administered an on-premises OpenShift cluster from the ground up providing a platform for state-of-the-art software deliveryConfigured a Podman-based runner for CI/CD pipelines using Ansible with performance and security in mindSetup CI/CD pipelines on GitLab for a project consisting of 15 Spring Boot microservices and libraries using 5 custom-made templatesCreated 11 composable and fully-documented Terraform modulesAutomated deployments of cluster-wide (Strimzi, MinIO and LVM) and application infrastructure to OpenShift using the custom Terraform modules	
	École Supérieure Privée d'Ingénierie et de Technologies Data Science Intern	July 2023 - Sept. 2023
	<ul style="list-style-type: none">Reviewed and evaluated the latest research involving IEEE 802.11be coordinated networksEvaluated the correlation between different link parameters in 802.11ac using numerical, visualization and machine learning libraries (numpy, pandas, matplotlib, scikit-learn)	
	Arab Tunisian Bank Back End Engineer Intern	July 2022 - Aug. 2022
	<ul style="list-style-type: none">Developed a Ruby on Rails REST API allowing clients to make secure and instantaneous transactions with other (possibly external) clients using JWT for authentication, Devise for authorization and Twilio's messaging APIs for the underlying OTP verification system	
	Groupe HLi Web Developer Intern	July 2021 - Sept. 2021
	<ul style="list-style-type: none">Improved and rewrote parts of an internal legacy .NET (C#) web application leading to better performanceFixed a number of long-standing bugs and design inconsistencies resulting in an improved user experience and overall reliability	
OPEN SOURCE PROJECTS	Joblog Simple, chronological and text-oriented job logging utility for Emacs used to keep track of job applications independent of any recruiting platform.	2024
	Giornata Journaling system for Emacs that is hierarchical in nature and unobtrusive by design. Giornata's automated testing suite provides full test coverage for the application.	2023
	Macchina Command-line system information tool powered by its own library, written in Rust with an emphasis on performance. Macchina is available in a number of official package repositories and supports a multitude of operating systems (Linux, macOS, Windows, NetBSD, Android, etc.) and has over 240,000 downloads and 1,500 stars on GitHub.	2021
SKILLS	Programming Languages: Rust, Lisp, Python, Shell, PL/SQL Cloud & Automation: Kubernetes, Docker, Podman, Ansible, Terraform, GitHub Actions, GitLab CI/CD Systems: Highly experienced with Linux (Debian, Arch Linux) Languages: English (proficient), French (intermediate), Arabic (native)	