Tayssir GHANMI *Software engineer*

✉ tayssir.ghanmi.e@gmail.com 📞 +21693272679 📍 Bizerte, Tunisia in Tayssir Ghanmi ◯ TayssirGh ⬡ TayssirGh

PROFILE

I'm a Software Engineer who enjoys building clean, reliable, and maintainable software. I value thoughtful problem-solving, continuous learning, and open collaboration. I'm eager to join a team where I can contribute meaningfully, grow steadily, and take part in building innovative solutions that make real-world impact.

TECHNICAL SKILLS

- **Languages** : C/C++, Java, Python, TypeScript, Bash
- **Frameworks** : Angular, Svelte, Spring Boot, FastAPI
- **Databases** : MongoDB, PostgreSQL
- **DevOps/Tools** : Docker, Kubernetes, Ansible, Terraform, Grafana, Git, Azure, Linux, Scrum
- **Concepts:** Design-patterns, Software Architectures, SOLID, CI/CD

PROFESSIONAL EXPERIENCES

Software engineering intern : Scraping, APIs & visualisation - ParcelleSix 03/2025 – 09/2025 | Paris, France
- Developed an intermediary sales platform for forests, with web scraping across 50+ websites and targeted alert notifications.
- Implemented Grafana dashboards to visualize geospatial data and monitor API activity in real time.
- Deployed the application on Heroku using Docker and set up an automated billing system.

Used technologies : Scrapy (2.11), Playwright (1.51), Python(3.12), FastAPI, SQLAlchemy, Svelte, PostgreSQL, PostGIS, Stripe, Brevo, Grafana (12.0.1), Heroku, Docker, GitHub-Actions

DevOps & Cloud intern - Comwork 06/2024 – 08/2024 | Tunis, Tunisia
- Created Docker images and configured Docker Compose with Nginx as a load balancer.
- Deployed the application using k3d, Kubernetes, Sealed Secrets, and a Helm Chart for secure configuration management.
- Set up CI/CD pipelines with GitLab CI and automated deployment to Azure using Terraform and Ansible.

Used technologies : Docker/Compose, Kubernetes, kubeseal, Helm, GitLab-CI, Nginx, Terraform, Ansible, Azure, Bash

Software developer (part time) - Core Techs Solutions 01/2024 – 06/2024 | Sousse, Tunisia
- Optimized ERP system modules based on a layered (pyramid) architecture.
- Developed the Finance module with custom report generation features.
- Designed and implemented a real-time notification system using WebSocket and Java Interceptors.

Used technologies : Java, TypeScript, WebSocket, Protos, MongoDB, PostgreSQL, JasperReports

Software engineering intern - Core Techs Solutions 06/2023 – 08/2023 | Sousse, Tunisia
- Developed a Hashtable across (JavaFX, Swing, Console, Angular, and Flutter) following MVC and 3-tier architecture patterns.
- Built a web application using Angular (v16) and Spring Boot/Java (v8) for kindergarten management.
- Collaborated with the mobile team to enhance the delivery of a taxi application built with Flutter (v3.10.1).

Used technologies : Java, Spring Boot, TypeScript, Angular, Dart, Flutter, Software architectures

PROJECTS

Parse2Hire 🔗 10/2024 – 01/2025
- Developed a modular multi-database interview platform with dependency management using GitHub/Maven packages.
- Built a semantic and syntactic engine with JavaCC to generate personalized automated responses.

Used technologies : Java, JavaCC, Spring Boot, MongoDB, PostgreSQL, JPA, Maven, Github Packages

Histograph 🔗 09/2024 – 11/2024
- Developed a CLI tool to track local Git contributions with project activity visualization.
- Implemented background monitoring of coding hours using systemd.

Used technologies : Java 17, Bash, PicoCLI, JGit, JUnit, systemd

EDUCATION

- **National school of engineering of Sousse** *2022 - 2025*
Software engineering diploma (With honors)

- **Pre engineering school El Manar** *2020 -2022*
Maths Physics pre engineering diploma (Rank 96/1200)

- **Pioneer highschool of Bizerte** *2020*
Baccalaureate degree (With highest honors)

SOCIAL ACTIVITIES

- **President** : Club ACM (competitive programming)
- **Member** : Eniso Team (robotics), Orange Tech Club, Scouts of Bizerte
- **Event Planner** : Nuit de l'Info, Linux Day
- **Volunteer** : Community activities (clean-up and hospital space renovation)
- **Sports** : Hiking, Cycling, Footing, Camping

CERTIFICATIONS

🔗 — **AZ-900** (Microsoft, 07-2024) | 🔗 — **TOEIC** (Amideast, 12-2024) | 🔗 — **System admin** (kodekloud, 02-2024)

LANGUAGES

(**French** :Read, written, spoken), (**English** : TOEIC B2), (**Spanish** : Read, written), (**Arabic** : Read, written, spoken)