<u>Short Curriculum Vitae</u>

Saif CHAALANE

PERSONAL INFORMATION

Full Name	Saif Chaalane
Position	Software Engineer
Address	Bizerte, Tunisia
Phone	+216 56 170 640
E-mail	saifchaalene5@gmail.com
LinkedIn	https://www.linkedin.com/in/chaalene-saif-116a85205/
GitHub	https://github.com/saifchaalene

EDUCATION

2022–2025 **Engineering Degree in Computer Science**, **ESPRIT** — Tunis, Tunisia.
Program focused on full-stack software engineering, modern web architectures, Agile/Scrum methodologies, and cloud-ready development. Strong emphasis on React, Angular, Node.js, Spring Boot, clean architecture, DevOps, and CI/CD pipelines.

2020–2022 **Preparatory Cycle for Engineering Studies**, **IPEIB** — Bizerte, Tunisia.
Intensive curriculum in advanced mathematics, physics, algorithms, and problem-solving, preparing for national engineering entrance examinations.

2018 **Baccalauréat en Mathématiques**, **Lycée** — Bizerte, Tunisia.
National high-school diploma with a strong focus on advanced mathematics, scientific reasoning, and analytical problem-solving.

PROFESSIONAL EXPERIENCE

Mar–Sept 2025 **Software Engineering Intern** — Bureau International des Expositions (BIE), Paris.
Led the modernization of the internal CRM platform by upgrading the legacy **Joomla 3** system to **Joomla 5** and migrating **CiviCRM 4.7** to **CiviCRM 6**. I refactored custom components, updated deprecated APIs, and ensured full compatibility with PHP 8.2 and the new Joomla architecture.
I implemented new backend **REST endpoints** in Joomla and integrated them with a modern **React + Vite** frontend, applying **Tailwind CSS** to deliver a fully responsive and consistent user interface. My work also included optimizing data flows, improving delegate and member-state management workflows, and enhancing performance and maintainability across the platform.

Oct 2024–Jan 2025 **Full Stack Developer (Freelance)** — FIDNESS.
FIDNESS is an online marketplace platform providing e-commerce services to local stores and consumers. I contributed to the development of its digital storefront https://www.wledi.com/boutique, focusing on reliability, scalability, and a smooth user experience. My work involved the design and implementation of core business modules such as product catalog management, shopping cart, coupons, orders, and secure authentication with OTP email workflows. In addition, I developed several **Golang microservices** (authentication, product management, payment verification) built on clean, modular, and maintainable architecture, and integrated external banking APIs for transaction validation and real-time callbacks.

Jun–Aug 2024 **Software Development Intern** — WEVIOO, Tunis.
WEVIOO is a leading engineering and digital transformation company delivering enterprise-grade software solutions. Within the development team, I contributed to the implementation of RESTful backend services using **C#/.NET**, the creation of reusable **Angular** components, and continuous code quality improvements through reviews and documentation.

Aug 2023 **Full Stack Intern** — ALFA Computers, Mahdia.
As part of the development team, I worked on building front-end modules in **React.js** integrated with REST APIs,

and supported backend development using **Node.js + MongoDB**. I also assisted with deployment tasks and provided technical support during production rollout.

ACADEMIC AND PERSONAL PROJECTS

Apr–Jun 2024   **Music Streaming Platform**.
Implementation of a complete music streaming web application using **React**, **Node.js**, **Express**, and secure OAuth2/JWT authentication. The platform includes playlist management, user sessions, and a responsive UI built with Tailwind CSS.

Mar–May 2024   **DevOps Foyer CI/CD Pipeline**.
Design and deployment of a full **CI/CD pipeline** integrating automated builds, testing, SonarQube analysis, Docker image generation, and deployment orchestration with Jenkins. Monitoring was implemented with Grafana and artifacts stored on Nexus.

Dec 2023–Feb 2024   **EpicJourneys — Travel Manager**.
Development of a Java MVC application with MySQL backend for managing events, itineraries, reservations, and user interactions.

Sept–Nov 2023   **Co & Co — Carpooling and Colocation Platform**.
Full-stack system combining a **Spring Boot** backend with an **Angular** frontend, offering listings, user profiles, and search functionalities for students.

COMPUTER AND PROGRAMMING SKILLS

Programming Languages
- JavaScript / TypeScript   • PHP   • Golang   • C#   • Java

Web Technologies
- HTML • CSS • React • Angular • Next.js • Vite • Tailwind CSS • REST APIs

Backend / Frameworks
- Node.js (Express/Nest) • Symfony • ASP.NET Core • Spring Boot

Databases
- MySQL • PostgreSQL • MongoDB

DevOps Tools
- Docker • Jenkins • SonarQube • Grafana • Nginx

CMS / CRM
- Joomla 5 • CiviCRM (API v3) • Custom PHP components

Tools
- Git/GitHub/GitLab • Postman • VS Code • WebStorm • IntelliJ • Figma

ACTIVITIES

President — ChessSpirit Club (ESPRIT): Organized tournaments and training sessions.

LANGUAGES

Arabic (Native)   **French** (Fluent)   **English** (Fluent)