

Chaden Ben Ammar

Looking for a 4–6 month final-year internship in **DevOps** and **DevSecOps**
Third-year Engineering student in Teleinformatics

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[GitHub](#) ChadenBA

MY VALUES

Curiosity, Respect, Sharing.

Education

Higher Institute of Computer Science and Communication Technologies of Sousse

National Engineering Diploma in Teleinformatics

2023 – Present | Sousse

Higher Institute of Computer Science and Mathematics of Monastir

Bachelor's Degree in Software Engineering

2020 – 2023 | Monastir

Experience

EVENTOKENX | Cybersecurity / DevSecOps Intern

Lyon (Remote) — Jun–Aug 2025

Conducted comprehensive **security audits** on web applications, identifying 5 critical vulnerabilities.

Streamlined **CI/CD pipelines** using **Kubernetes** and **GitHub Actions**, reducing deployment time by 30%.

Deployed centralized monitoring with **ELK**, **Grafana**, **Prometheus** for real-time alerts and system visibility.

Delivered internal briefings on emerging cybersecurity risks and mitigation strategies.

MINDLINKS | Web Developer / DevOps Intern

Sousse — Jun–Aug 2024

Engineered an **adaptive learning platform** leveraging the **Felder–Silverman model** to tailor content to student profiles.

Established CI/CD workflows with **GitHub Actions** to accelerate deployments.

Integrated questionnaires and data pipelines to generate personalized learning paths.

INFRAPLUS | Web Developer / DevOps Intern

Tunis — Feb–Jun 2023

Developed a **tourist guide web application** with optimized **NGINX** caching and containerization using **Docker**.

Implemented real-time monitoring with the **ELK Stack**, identifying and resolving performance bottlenecks.

Validated application reliability through testing (**Jest**, **SuperTest**) and continuous deployment.

Certifications

Oracle Cloud Infrastructure 2025 Certified DevOps Professional

Oracle Cloud Infrastructure 2025 Multicloud Architect Professional

OCI 2025 Certified Multicloud Architect Professional

OCI 2025 Observability Professional

Oracle Database@AWS Architect Professional

Projects

SECURE FILE TRANSFER SYSTEM WITH THREAT DETECTION

[SecureFileTransfer](#)

Engineered a full-stack file transfer platform with upload/download functionality and file metadata management.

Integrated threat detection using hash checks, ClamAV/YARA placeholders, and runtime monitoring (**Falco**) with alerts in **Grafana** dashboards.

Configured deployment and monitoring using **Docker Compose**, **Ansible**, **Kubernetes**, **ArgoCD** and orchestrated CI/CD pipelines with **GitHub Actions**, **SonarCloud**, **Snyk**, **Trivy**.

Technologies: *Python, FastAPI, Next.js, SQLite/PostgreSQL, Prometheus, Grafana, Vector.dev, Docker, Kubernetes, Ansible*.

INVENTORY MANAGEMENT APPLICATION

InventoryApp

Constructed an inventory management system with role-based access control and automated reporting.

Orchestrated CI/CD pipelines and integrated security scanning (**Trivy, SonarQube**) to ensure reliable deployments.

Technologies: *Java, JavaFX, MySQL, Jenkins, Docker, Kubernetes*.

RECIPE APPLICATION WITH GRAFANA MONITORING

RecipeApp

Engineered a recipe management platform with real-time monitoring (**Prometheus, Grafana**) to track usage and performance.

Implemented CI/CD automation with **GitHub Actions** and container orchestration (**Kubernetes**).

Technologies: *Java, Docker, GitHub Actions, Trivy*.

STRESS PREDICTION APPLICATION

Stress Prediction App

Designed a predictive tool using **decision trees** and **linear regression**, achieving 85%+ prediction accuracy.

Orchestrated deployment pipelines with **GitHub Actions** and connected backend services for real-time predictions.

Technologies: *React TS, Node.js/TS, MongoDB, Jest*.

Skills

DevOps & Cloud: Docker, Velero, Jenkins, Kubernetes, GitHub Actions, AWS, Azure, Grafana, Ansible, Prometheus, ELK Stack, ArgoCD, GitHub, GitLab.

Cybersecurity Tools: Wireshark, Burp Suite, Nmap, Snort, Linux, Trivy, SonarQube, Snyk.

Programming Languages: Java, JavaScript, TypeScript, Python.

Web Development: React, Node.js, Express, Bootstrap.

Databases: MySQL, Elasticsearch, MongoDB.

Languages

Arabic: Native language.

English: Advanced level (technical and professional communication).

French: Advanced level.

Achievements & Participation

Participation in *Nuit de l'Info 2024*

Participated in the challenge “**Explorer les flux invisibles**” during the national **Nuit de l'Info 2024**.

Won **1st place** in the challenge “*Explorer les flux invisibles*” presented by **ALLUCO Confort Aluminium**.

Achieved **2nd place** in the challenge “*L'Assistant Mystérieux*”.

Collaborated with developers and experts to solve complex technical problems under time constraints.