

Adam Chemengui

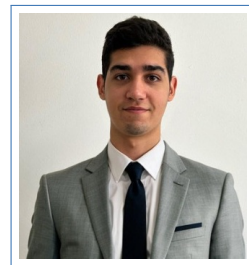
Software Engineering Student

Tunis, Tunisia

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Profile

Final-year Software Engineering student at **ESPRIT**, specializing in **Backend Development**, **Cloud**, and **DevSecOps**. Proven experience in building **scalable, secure systems** with **Java**, **Spring Boot**, **Docker**, **Kubernetes**, and **CI/CD** pipelines. Strong foundation in **application security** and **Agile/Scrum delivery**. Seeking opportunities as a **Backend or DevSecOps Engineer**.

Professional Experience

- 2025 **Application Security Intern, SMT – Société Monétique de Tunisie, Tunis**
 - Implemented a DevSecOps platform (SAST/DAST), achieving 95% vulnerability detection.
 - Deployed a RAG Deep Learning agent: +25% prioritization efficiency, +40% faster analysis (1000+ alerts).
 - Containerized security pipelines using Docker & Kubernetes for scalable deployments.
- 2024 **Web Development Intern, La Poste Tunisienne, Tunis**
 - Designed an invoice management system (Java / Spring Boot), automating 80% of manual tasks.
 - Optimized SQL/MySQL queries: reduced critical errors by 20%, improving performance by 15% (5000+ transactions/month).
 - Integrated Symfony modules for secure invoice validation workflows.
- 2022 **Networks & Systems Intern, Banque Tuniso-Libyenne, Tunis**
 - Supervised 100+ servers/workstations ensuring 99% availability.
 - Resolved 10+ critical incidents, reducing downtime by 20%.

Education

- 2021–2026 **Software Engineering Degree, ESPRIT, Ariana**
- 2021 **Baccalaureate in Experimental Sciences, Esprit Al-Fikr, Ariana**

Academic Projects

- 2025 **Sales Management CRM | Power BI**
 - Designed and implemented an ETL process (Power BI) and developed interactive dashboards.
 - Improved reporting efficiency by 50% for over 5,000 monthly transactions.
- 2024 **Construction Project Management Platform | Angular + Spring Boot**
 - Developed a 5-module platform used by 30+ engineers across 10 projects.
 - Coordinated Agile sprints, reducing project delays by 15% and boosting productivity by 20%.
- 2022 **Banking Web & Mobile Platform | JavaFX + Flutter**
 - Built a multi-platform solution processing 1,000+ transactions/day.
 - Reduced approval time by 20% and boosted processing efficiency by 15%.
 - Integrated mobile features with Flutter for real-time banking operations.

Skills

Programming Languages: Java, Python, PHP, JavaScript, C#

Frameworks: Spring Boot, Symfony, Angular, Node.js, React, Flutter, .NET

Backend & Architecture: REST/SOAP APIs, Microservices, System Design, Distributed Systems, UML, Design Patterns, Scalability, High Availability, Agile/Scrum

Data & Big Data: MySQL, MongoDB, SQL Server, Oracle, Power BI, Hadoop, Spark (basics), Machine Learning, Deep Learning

Security: DevSecOps, Application Security, OWASP Top 10, SAST/DAST, Firewalls

DevOps & Systems: Docker, Kubernetes, Jenkins, GitHub Actions, Linux, Windows Server, VMware, Git, Networking (Cisco CCNA)

Languages

• Arabic (Native) • French (Intermediate) • English (Intermediate) • German (Beginner)