

Nebras Ammar

a graduated Software Engineering student at ENIT seeking a junior-level position to launch my professional career.

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Profile

During my final-year internship, I gained hands-on experience in software architecture, scalable system design, and team collaboration. Passionate about data processing and AI model optimization, I'm seeking a junior software engineer role to apply my skills and grow in a dynamic environment.

Technical Skills

- **Programming Languages:** C, C++, C#, Java, Python, JavaScript, UML, HTML, CSS, PHP, Dart
 - **Frameworks and Technologies:** Git, ReactJS, NodeJS, ExpressJS, Symfony, JEE, Docker, JQuery, ASP.NET MVC, Flutter, Bootstrap, Tensorflow, Pytorch, Deeplearning, LLMs, Spring, Azure, AWS, Gitlab-CI, Kubernetes, Angular
 - **Database Technologies:** SQL, Oracle, MySQL, PL/SQL, postgresql, Cassandra
 - **Development Tools:** Visual Studio, VS Code, Android Studio, IntelliJ IDEA
 - **Operating Systems:** Windows, Linux
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Experience

Intern — TAC TIC, Ariana, Tunisia

June 2023 – July 2023

- Developed a deep learning algorithm for facial recognition using a Siamese model and implemented a facial detection system with ESP32-CAM and Arduino.
- Gained experience with the ReactJS framework.

Technologies: Python, Arduino IDE, ESP32-CAM, ReactJS

Intern — VERMEG, Tunis, Tunisia

🐙 GitHub July 2024 – August 2024

- Fine-tuned Llama-3 8B for medical Q&A and built an interactive local UI.
- Automated response scoring pipeline based on feedback ratings.

Technologies: Python, LLM Model Fine-Tuning, Interactive UI, Docker

Intern — Sofrecom Tunisia, Tunis, Tunisia

February 2024 – July 2024

- Migrated monolithic HMI to microservices using Spring Boot and centralized security.
- Deployed services via Docker, Kubernetes, and GitLab CI/CD.

Technologies: Spring Boot, Spring Security, Spring Cloud, Docker, Kubernetes, GitLab CI/CD, WebClient, Cassandra

Education

Computer Science National Engineering Diploma

ENIT, Tunisia

September 2022 – June 2025

Preparatory Diploma for Engineering Studies

Preparatory Institute for Engineering Studies El Manar, Tunisia

September 2020 – June 2022

Projects

Multi-Tier Security Infrastructure on Microsoft Azure — RFC

Feb 2024 – May 2024

- Led the implementation of a robust multi-tier security infrastructure in Microsoft Azure, ensuring comprehensive protection across application, data, and network layers.

Technologies: Microsoft Azure, NGINX, Virtual Machines, Firewall, Network Security Groups, Load Balancer

Project Management Site

🐙 GitHub

- Created a web-based project management system.

Technologies: JEE, MVC, MySQL, Wildfly, Bootstrap

Full Stack Blog Website

🐙 GitHub

- Developed a blog website with content management, user authentication, and article management features.

Technologies: Symfony, PHPMyAdmin, MySQL, Bootstrap

Stock Trading Simulator

🐙 GitHub

- Created a trading simulator enabling automated stock trading simulations.

Technologies: C++

Order Microservice – E-Commerce Microservices Project

🐙 GitHub

- Built an Order microservice to orchestrate product, payment, and delivery services, enabling smooth system transactions.

Technologies: SpringBoot, Java, Kafka, Zookeeper, RestClient, PostgreSQL