

Khalil Trabelsi

Computer science engineering student

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My portfolio: <https://khalil-trabelsi-ensi.github.io/Portfolio/>
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Passionate about cloud and cybersecurity, I am a computer science engineering student with expertise in system administration, application security, and cloud technologies. I seek an end-of-study internship to deepen my skills and tackle new challenges.

Work Experience

Security Engineer

Sopra HR Software | Tunis

Jul 2024 - Aug 2024

Implemented end to end encryption for web applications for the client Auchan, ensuring user data protection.

- Configured SSL certificates to secure communications.
- Set up and configured Apache servers to host web applications.
- Utilized Linux systems for server infrastructure.

Mern Stack Developer

École Nationale des Sciences de L'Informatique | Tunis

Apr 2024 - Jul 2024

Project Auto-Investor

- Developed a platform to facilitate trading for new traders. Used the MERN stack MongoDB, Express, React, Node.js for backend and frontend management.
- Developed risk management and portfolio management features to optimize investment strategies.
- Collaborated using GitHub for version control and team project management.

Data Analyst

Banque Internationale Arabe de Tunisie BIAT | Tunis

Jul 2023 - Aug 2023

Database Optimization

- Implemented an efficient data management solution.
- Conducted in-depth analyses and presented results using Power BI.
- Architected a comprehensive database system that supported over 100,000 customer records.

Projects

Firewall Configuration

Jul 2023 - Aug 2023

- Configured and managed a firewall in a virtualized environment using VMware Workstation.
- Leveraged Kali Linux for penetration testing and vulnerability scanning.
- Used Wireshark for in-depth network traffic analysis and troubleshooting.

Network Setup (School Project)

Feb 2023 - Mar 2023

- Designed and implemented a network connecting multiple machines using Cisco tools.
- Applied network security and management protocols to ensure a stable and secure network.

Website for Donations

Apr 2023 - Jun 2023

- Developed a website to facilitate school donations using HTML, CSS, and PHP.
- Integrated a user-friendly interface and secure transaction system.

Core Skills

- Frameworks & Tools: Node.js (Express.js), DBeaver, Git, Wireshark, Cisco Packet Tracer, Linux
- Cloud: AWS, Kubernetes
- Programming Languages: JavaScript (Node.js), Python, C, C++

Education

Ecole Nationale des Sciences de l'Informatique (ENSI)

Computer science engineering

Sep 2022 - Aug 2025

Preparatory institute of Nabeul

Preparatory Cycle in Mathematics-Physics

Sep 2020 - Jun 2022

Languages

English (*fluent*)

French (*fluent*)

German (*Beginner*)