

Mohamed Khalil Nafati

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Education

Higher Institute of Management

Tunis, Tunisia

Bachelor's Degree in Management Information Systems, specialized in Business Information Systems

Sep. 2023 – Jun 2026

Certifications

Google Professional Certificate in Cybersecurity

Issued by Coursera

Hands-on training consisting of eight courses on risk management, network security, SIEM analysis (Splunk, Google SecOps), and incident response.

Nov. 2025

Oracle Cloud Infrastructure 2025 Certified AI Foundations Associate

Issued by Oracle

Mastery of fundamental concepts of Artificial Intelligence and Machine Learning.

Oct. 2025

Projects

Risk Management & Threat Analysis (GRC) | NIST, PASTA

Attack surface analysis, asset classification, and threat modeling (PASTA framework). Conducting risk assessments, identifying threats (malware, social engineering, web exploits), and creating vulnerability registers.

Security Operations & Incident Response (SecOps) | SIEM, NIST, IDS/IPS

Use of SIEM tools for queries, network packet analysis, and IDS/IPS logs (Suricata). Application of the incident response cycle (reparation, detection, analysis, containment, eradication, recovery, and post-incident analysis) and report writing.

Ai-Crop Monitoring system | Python, Django, REST, PostgreSQL, Docker, Isolation Forest, Threshold-based

Development of an agricultural monitoring platform designed to ingest simulated IoT sensor data, detect environmental anomalies using Machine Learning (Isolation Forest), and provide actionable recommendations via an AI Agent.

Aircraft management system | Python, Django, REST, SQLite, Git

Development of a REST API for comprehensive aircraft management (flights, crew, sensors), including CRUD operations.

HelpHub – Donation Management Platform | PHP, MySQL, JavaScript, Bootstrap, HTML/CSS

Creation of a web platform connecting donors and associations, equipped with a secure dual-role authentication system and a dashboard for managing collections.

Airline Management System | Oracle PL/SQL

Design of a relational database for an airline, with automation of business rules (baggage, schedules, etc.) via procedures and user role management.

Medical Center Management Application | C#, SQL Server

Development of a desktop application with an SQL Server database for the efficient management of patient records and medical center staff.

Technical Skills

Cybersecurity: NIST (CSF), PASTA, Playbooks, Splunk, Google SecOps (Chronicle), Wireshark, tcpdump, Nmap, Burp Suite, Suricata, Firewalls, VPNs, Proxies, Protocols, TCP/IP & OSI Models, Linux, Windows

Programming Languages: Python, Java, C/C++, C#, SQL, Oracle PL/SQL, Bash, PHP, VB.net

Web Development: HTML5, CSS3, Django, JavaEE, Bootstrap

Libraries: Django REST, Requests, Asyncio, Aiohttp, BeautifulSoup, jQuery, JavaFX, Servlet, Scikit-learn

Databases: SQLite, MySQL, SQL Server, PostgreSQL

Tools: Git, Docker, Jira, Power BI, VS Code, Visual Studio, Eclipse, NetBeans, Code::Blocks