

Mahmoud Ajam

Computer Science / Network Engineering Student

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Career Objective:

A results-driven IT with 3 years of experience, a CCNA (ENSA/SRWE) certification, and a background in Computer Science, seeking a challenging role in IT and network administration.

Experiences:

IT :

Worked 3 years as IT in computer maintenance.

Java Developer: (University project)

Engineered a prototype application in Java to simulate software development costs, timelines, and staffing requirements, creating a valuable tool for strategic project planning and resource allocation.

Full Stack Web Developer: (University project)

- Designed and developed responsive, user-friendly websites for clients, translating their requirements into modern, interactive digital experiences.
- Programmed key interactive features, such as dynamic search and content posting systems, by building and integrating backend APIs.
- Performed comprehensive debugging and performance optimization across the full stack to ensure smooth, reliable website functionality.

RESTful API for Library Management: (Freelance)

- Architected and developed a scalable backend API for a Library Management System using Node.js, NestJS, and TypeScript.
- Implemented a full suite of RESTful CRUD endpoints to manage core resources like books, authors, and members.
- Secured the application with a robust authentication and authorization layer using JWT and Role-Based Access Control (RBAC).
- Engineered reusable, generic services for advanced functionalities, including API pagination and automated email notifications.
- Ensured data integrity and application reliability through rigorous input validation and a comprehensive suite of unit tests.

Education:

Cnam (Computer science)

Cisco Certified Network Associate (CCNA SRWE):

- Proficiencies include: Network fundamentals, Ethernet technology, routing protocols (OSPF), switching concepts, and wireless networking (WLAN)

Cisco Certified Network Associate (CCNA ENSA):

- Proficiencies include: Network virtualization (VPNs), Quality of Service (QoS), network security, automation tools (Ansible, Puppet), and enterprise network design.

Lebanese University B.S. in Physics (In Progress):

- Building a core foundation in analytical reasoning and theoretical modeling.

Skills:

- C
- Js
- Java
- Express.js
- Php
- Nest.js.

Languages:

- Arabic (native)
- English (professional)
- French (beginner)