Mahmoud Ajam

computer science / network engineering student

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Career objective:

As a Computer Science student passionate about building things, I'm excited to jump into a Backend/Frontend Developer Intern role. I've already built Node.js backend projects, and my 3 years in IT, plus CCNA SRWE/ENSA certifications, have given me a solid foundation to hit the ground running.

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,

SKILLS:

C
Java
Php
Js
Express.js
Nest.js.

LANGUAGES:

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

reliable website functionality.

RESTful API for Library Management:Freelance: 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.