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GitHub: <https://github.com/ZahraaALHEK>

Profile: <https://zahraaalhek.github.io/myportfolio/>

Education

- **Bachelor's Degree in Computer Science** – *Lebanese University*
- **Master 1 (M1) in Computer Science** – *Lebanese University*

Professional Experience

1. **Internship – Diraya Company** *Dates (e.g., April 2025 – July 2025)*
 - Developed a complete web application using **ASP.NET MVC** and **SQL Server**.
 - Collaborated with a small development team and contributed to both front-end and backend features.
 - Applied clean code practices and participated in testing and debugging phases.
 - Uses the Repository Pattern to communicate with the database.
2. **Internship – Techtalks Community** *Dates (e.g., november 2025 – january 2026)*
 - Build back-end APIs using Laravel.
 - Design database and tables in postgresql.
 - Test the APIs and fix any issues that arise.

Technical Skills

- **Frontend:** React , Bootstrap , JavaScript (ES6+)
- **Backend:** Node.js , ASP.NET MVC , Express , REST APIs , Laravel.
- **Software Design AND Architecture :** Object-Oriented Design (OOP) , Design Patterns ,Software Architecture , Repository Pattern.
- **AI:** Python , numpy library,pandas library
- **Databases:** MySQL, MongoDB , PostgreSQL , SQL server .
- **Security & Infrastructure :** JWT Authentication , Authorization & Access Control ,
- Secure File Uploads , Server-Side Validation , Environment Variables .
- **Tools & Platforms:** Jira , VS Code, Git/GitHub, Postman,
- **Other Skills:** front-end integration.

Projects

- **Personal Portfolio Website:** Developed a responsive and modern portfolio website to showcase projects, skills, and experiences. Implemented using **React.js**, **Vite**, **Bootstrap**, and deployed on **GitHub Pages**.: <https://zahraaalhek.github.io/myportfolio/>
- **Pharmacy API :** Backend service that allows searching for the nearest pharmacies by medicine name. Built with Laravel and PostgreSQL, using geolocation queries to return nearby results efficiently <https://github.com/ZahraaALHEK/pharmacy-medicine-discovery-backend>
- **RESTful API Development :**Built complete APIs using Node.js, Express, MongoDB, and Mongoose for CRUD operations with authentication and upload files and verification email.: <https://github.com/ZahraaALHEK/blogRESTful-APIs>
- **MinMax-algo :** This Python script creates a Tic Tac Toe using minMax algo <https://github.com/ZahraaALHEK/minMax-algo.git>
- **nqueens_hillclimbing :** Python script that uses the Hill Climbing algorithm to solve the N-Queens problem and provides a simple graphical user interface (GUI) with tkinter to display the solution : https://github.com/ZahraaALHEK/nqueens_hillclimbing.git
- **Rock, Paper, Scissors game :** A simple and interactive Rock, Paper, Scissors game built with React:
<https://zahraaalhek.github.io/game1/>
- **Dynamic Website (PHP + MySQL):** Developed a full-featured website using **PHP** and **MySQL**, including user authentication and database interaction. : <https://github.com/ZahraaALHEK/boutique.git>
- **school-system :** java project with design patterns. : <https://github.com/ZahraaALHEK/school-system>
- **Static Website (HTML + CSS + JavaScript):** A website with fixed content where pages are built using HTML for structure, CSS for styling, and JavaScript for basic interactivity. : <https://zahraaalhek.github.io/Elegance-Edge/>

Languages

- Arabic (Native)
- English (Intermediate)
- French (Fluent)