

Hassan Nasrallah

Frontend Developer | Software Engineering Student

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PROFILE

Self-driven developer with a strong interest in full-stack development, transitioning into the field through intensive self-study including the 42 Beirut Piscine, freeCodeCamp, and a Programming Diploma. Comfortable working across the stack — from low-level C to modern JavaScript frameworks and React applications — with active projects on GitHub that reflect a consistent drive to learn and ship. Currently exploring AI integration concepts as part of an ongoing commitment to staying at the forefront of modern development practices.

EXPERIENCE

Frontend Development Intern

April 2025 – May 2025

TalenTech (ezad) | Beirut, Lebanon

- Built responsive web pages using AngularJS as part of guided learning tasks, gaining practical exposure to component-based development and cross-browser compatibility.
- Developed mobile application interfaces using Ionic Framework, focusing on cross-platform structure and user-friendly design patterns.
- Gained hands-on exposure to frontend development workflows and agile team practices in a professional environment.

PROJECTS

Gym Management System C# / .NET | Windows Forms | SQL Server

Full-featured desktop application with role-based login (Admin/Staff), full CRUD management for members, plans, and users, and a live dashboard displaying total, active, and soon-to-expire memberships. Demonstrates data visibility, filtering, and reporting capabilities connected to a real SQL Server database.

Priority Task Queue Python

CLI task manager implementing a priority queue from scratch. Includes binary search for task lookup and selection sort (by title and duration) — all built manually without relying on built-in libraries, demonstrating a solid understanding of core data structures and algorithms.

React Projects JavaScript / React / Node.js

Actively building and publishing React projects to GitHub as part of an ongoing self-study program. Current projects include a Weather App, Quote Generator, and GitHub Profile Finder — all built using React with Node.js as the runtime environment.

42 Beirut — C Exercises C | Low-Level Programming

Collection of C programming exercises from the 42 Beirut Piscine, organized across 8 categories including algorithm implementation, memory management, system calls, and function pointers. Highlights include a backtracking solution to the Ten Queens Puzzle, Unix command rebuilds (cat, tail, hexdump) using only system calls, and higher-order functions implemented using function pointer arrays.

TECHNICAL SKILLS

Frontend

- JavaScript
- React
- jQuery
- HTML & CSS
- AngularJS
- Ionic
- Flutter

Backend & Systems

- C / C++
- C# / .NET
- Python
- Node.js
- SQL Server
- Java
- PHP

Tools

- Git
- GitHub

EDUCATION

Diploma in Programming

October 2025 — Present

MUC University | Beirut, Lebanon

- Pursuing a comprehensive programming curriculum covering web development, database management, object-oriented programming, and scripting — with hands-on experience in C#, Python, Java, PHP, JavaScript, HTML & CSS, and SQL.
- Additional coursework in computer networks and systems analysis.
- Capstone project: Gym Management System — a full-featured desktop application with role-based access and SQL Server integration.

freeCodeCamp

December 2025 — Present

Online — Self-Study

- Responsive Web Design — Completed
- JavaScript Algorithms and Data Structures — Completed
- Front-End Development Libraries (React) — In Progress

42 Beirut — Piscine Bootcamp

February 2025

42 Beirut Network

- Completed a highly competitive 4-week intensive bootcamp in C programming.
- Focused on low-level programming, memory management, data structures, and Git.
- Peer-based learning environment with no teachers — progress driven entirely by daily challenges and code reviews.
- Full 42 Beirut program admission granted; continuation on hold due to regional circumstances.

BT3 — Graphic Design

Adel Osseiran Scientific and Technical Institute | Nabatieh, Lebanon | 2022

VOLUNTEERING

Volunteer Paramedic

2015 – 2016

Lebanese Red Cross | Beirut, Lebanon

- Participated in emergency response operations, providing immediate medical assistance as a trained First Responder.
- Delivered on-site care across a variety of crisis situations, supporting health and safety of individuals in need.

LANGUAGES

Arabic Native • English Professional Working Proficiency • French Limited Working Proficiency