Jad Abou Hawili

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SUMMARY

- Familiar with **Java Multithreading** , Hands on experience with CUDA **Parallel Programming and Concurrency**
- **Backend Development Experience** through Backend Roles in Teams and Bootcamps
- Familiar with Frontend Technologies(React NextJS)

EXPERIENCE

Full Stack(MERN) Intern
CaseMate Part Time Remote | Reference CaseMate Founder: +961-71-953-788 , Profile   Sep 2025 – Dec 2025

- Refactoring **Database Schemas** , Implementing Relevant **Routes** , Service Functions , Controllers
- Collaborating with Team Members on **Database Schema and Backend Endpoints Structure**
- Owning the **Testing Environment** and implementing **CICD Auto Deployment** using Github Actions
- Maintaining **Internal Documentation** regarding Production Setup , Local Setup

Backend Developer
Amazon Web Services Mentorship   Jun 2022 – Sep 2022

- Integrating Firebase Firestore Database into Flutter Frontend
- **First Place** Among Mentorship Teams
- Facilitate Parking by **Collecting Parking Locations**, Determing Nearest Parking
- Weekly Meetings with **Mentors from Amazon**, Track Progress and Resolve Hurdles

PROJECTS

Linkedin Clone(Backend Role)
Software Engineering Course Team Project   February 2025 - April 2025

- **Agile** Team Workflow
- Integrating Postgraphile Backend into React Frontend
- **Credit System** to incentivise collaboration
- Earn/Spend Credit By Completing/Posting Tasks

Theorem Prover Educational Game
Final Year Computer Science Project   June 2024 - Present

- Deployed using Github Actions
- Basics of the **Lean4 Theorem Prover** , Knights And Knaves **Logic Puzzles**
- Contributed Documentation Improvements to the **Lean 4 Game Project**
- Actively Maintained: **Iterative Changes** and **Integration of Feedback** over time

EDUCATION

Bachelor of Science , American University Of Beirut   Aug 2021 – May 2025
- Double Major **Computer Science** and **Applied Math** , 3.3 GPA
- Relevant Courses: GPU Computing , Software Engineering , Database Systems

SKILLS

Java:

- **Java/Springboot:** Familiar with Java Multithreading and Async Programming, **REST APIS**
- Integrating **MySQL** , **MongoDB** in **Springboot** App
- Attempt at Deployment using **Azure Spring Apps** (**Phased Out** , Opened Github Issue)
- Deployment via **Azure Container Apps** after Docker Containerization

Parallel Programming:

- **C/C++ CUDA:** Parallelize and Run On **GPUs**.
- **Parallel Implementation** of Sparse Matrix Sparse Matrix Multiplication: GPU Computing Team Project

Databases:

- **SQL:** MySQL/MariaDB, Microsoft SQL Server
- **NoSQL:** Firebase Firestore , MongoDB

Version Control And Documentation

- Git/Github : Version Control
- Markdown, LATEX: Documentation
- Jira : Project Management Tool