Sereen Alhajjar

Software Engineer

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SUMMARY

I hold a degree in Computer Science from Albaath University, which has equipped me with a robust technological foundation and excellent problem-solving skills. My main area of expertise centers around C++ programming, and I'm particularly passionate about backend development. Additionally, I excel in database design, encompassing the creation of Entity-Relationship Diagrams (ERDs) and proficiently optimizing queries in both SQL and NoSQL databases. My commitment to staying up-to-date with the latest technology trends and my continuous learning drive enable me to consistently devise innovative solutions.

WORK EXPERIENCE

Software Developer

SkyTech | Remote | Nov 2023 – Apr 2024

- Specialized in software development for SAP Business One, ensuring tailored solutions for client needs
- Developed .NET Windows Services to enhance functionality.
- Crafted SAP AddOns to extend the system's functionality.
- Created intuitive Windows Forms applications using .NET framework.
- Designed and implemented robust ASP.NET Core Web API solutions.

EDUCATION

- **Bachelor's degree in Computer Software Engineering**
  - **Albaath University | Homs-Syria | 2018 – 2023**
  - **85% GPA as percentage**

PROJECTS

- **Graduation Project**
  - **Description:** Talabat is a website to connect between developers and customers.
  - **Tech used:** Angular, Nodejs, Express, MongoDB.
- **Tetris**
  - **Description:** Tetris game implementation, written in C++ using the Raylib
- **Space Invaders**
  - **Description:** Classic Space Invaders, written in C++ using the Raylib library

ACHIEVEMENTS

- **3rd** place in the second year of college, out of **500** students
- **7th** place in the third year of college, out of **500** students.
- **Volunteered** as a mentor in **CPC** training.
- **8th** place in **2022-BCPC** (Al Baath Collegiate Programming Contest), out of **65** participating teams.
- **9th** place in **2023-BCPC** (Al Baath Collegiate Programming Contest), out of **39** participating teams.
- **20th** place in **2023-ICPC** Africa and Arab Collegiate Programming Contest for Girls, out of **206** teams.
- Participated in **2022-SCPC** (Syrian Collegiate Programming Contest).

SKILLS

- Project Management, Team work, Agile and Scrum methodologies.
- Programming Languages: **C++, C#, Java, JavaScript, Python.**
- Tools: **Git**, **GitHub**, **Docker, Jira** , **SAP ERP** and **MS-Office.**
- Game Development**: C++, Raylib, 2D.**
- Competitive Programming, participated in various online platforms such as **Project Euler, Leet code, At Coder, CodeForces**.
- Frontend development **(HTML, CSS, Bootstrap, JavaScript, TypeScript, Angular)**.
- Backend development **(NodeJS, Express, Django, ASP.NET)**.
- Web development using **WordPress**.
- Experienced in Database design and Queries, using **SQL/NoSQL** databases. and **ERD** creation**.**
- Strong knowledge of **Algorithms, Data Structures** and **OOP (Object Oriented Programming)**
- Knowledge in image processing using **Matlab** and **Design Patterns**.