

Perla Alhaddad

Full Stack Web Developer

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PROFILE

Fullstack Developer passionate about creating high-performance and innovative web solutions. With almost 4 years of professional experience, I combine technical expertise with a strong focus on the user to design modern and scalable applications. Specialized in performance optimization and the adoption of best practices, I thrive in collaborative and innovative environments.

PROFESSIONAL EXPERIENCE

Software Engineering Team Lead

September 2024 – Present

Liaison International (Hybrid)

- **Strategic Project Leadership:** Successfully leading and launching two new projects in just 2 months with a team of 4. The [Explore Health Careers](#) and [ResidencyCAS.com](#) projects with exceptional performance, handling a load of 3000 concurrent users, while being optimized for SEO and accessibility.
- **Technical Approach Design:** Writing architectural documents and technical plans to guide technological choices, prioritizing maintainability, and application performance.
- **Collaborative Sprint Planning:** Coordinating with product teams to break down user stories, estimate workloads, and prioritize critical tasks, ensuring constant alignment between business objectives and technical capabilities.
- **Meeting Facilitation and Presentations:** Leading Daily Stand-ups, sprint reviews, and retrospectives, preparing visual aids (e.g., system architecture, technical roadmap) to clarify issues for stakeholders.
- **Process Optimization:** Refactoring CI/CD pipelines and adopting structured code reviews to reduce bugs by 30% and accelerate deployments by 80% (cutting deployment time from 15 minutes to 3 minutes).

Backend Developer

December 2023 – September 2024

Liaison International (Hybrid)

As a Backend Developer, I worked on [MyLiaison](#), a catalog platform for U.S. universities and programs, as well as on Living Profile, a student profile creation platform.

- Technical Redesign of a University Catalog Platform (Django/Wagtail CMS) with a 75% improvement in response times, while integrating new features and enhancing maintainability.
- Design of High-Performance APIs using Java/Quarkus and optimizing response times through fine-grained indexing with OpenSearch. (Supporting a load test of 6000 users)
- Implementation of Best Technical Practices for SEO Optimization to enable the indexing of 2000 new pages on Google, increasing the platform's visibility. (Meta tags, Dynamic sitemaps, Load time optimization)

Fullstack Developer

November 2021 – September 2023

UN-ESCWA, (United Nations Economic and Social Commission for Western Asia)

- Develop a Data Catalog using CKAN software.
 - Extend the software to provide new features.
 - Manage the deployment of the application on a Linux virtual machine, before migrating it to Microsoft Azure.
- Develop Azure Functions for data management and blob storage.
- Fullstack Web Development (ASP.NET 6, Node.js, PostgreSQL) and generating interactive visualizations with R Shiny.

Student Intern

September 2021 – October 2021

UN-ESCWA, (United Nations Economic and Social Commission for Western Asia)

- Developed over 50 web scrapers using Python to gather online job listings for the ESCWA Skills Monitor project.

- Data Storage in MongoDB, and their analysis and categorization using the Python tool NLTK.

SOFTWARE AND TECHNOLOGIES

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|--|-------------------|--------------|----------|
| • HTML / CSS / Javascript | • Python | • Django | • Java |
| • Quarkus | • Wagtail CMS | • PostgreSQL | • Docker |
| • AWS (RDS, ECS, EKS, OpenSearch, ElastiCache) | • Microsoft Azure | | |

EDUCATION

Computer Science bachelor's degree

October 2019 – September 2022

Lebanese University, Faculty of Science – Fanar

End of studies' project: Develop a data catalogue for UN-ESCWA, using and extending the CKAN DMS software. Graduated with Honors.

LANGUAGES

Arabic – Maternal Language | **English** – Professional competence | **French** – Professional competence