

# Hassan Moussa

Saida, Lebanon

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*I am a dedicated and resilient individual with a robust work ethic, committed to my objectives and guided by unwavering loyalty. I welcome challenges as opportunities, persistently endeavoring to transform them into valuable stepping stones along my path.*

## Skills

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- **Programming (and Scripting) Languages** // Python, JavaScript, TypeScript, PHP, and SQL
- **Database Management Systems** // MySQL, and MongoDB
- **Frameworks and Libraries** // Laravel v9.x, React, Node.js, Express, Django, Bootstrap 5, and Material UI v5.x
- **Tools and Cloud Services** // GitHub, Postman, Figma, and AWS (EC2)
- **Theory** // Complexity Analysis, Data Structures and Algorithms, Design Patterns, and OOP

## Professional Experience

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### Field Service Manager - VELEX, USA (Remote)

June 2022 – March 2023

Acted as a Quality Auditor responsible for conducting quality, health, and safety audits. Delivered on the allocated volume and quality of inspections to meet targets, ensuring consistency in each audit.

### Site Engineer - UNICEF, Lebanon

January 2022 – March 2022

Constructed a Circular Ground Reservoir supported by UNICEF in Qenarit, collaborating with a team to oversee all on-site activities.

## Projects

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### PETRIX [[GitHub Link](#)]

Designed and launched Petrix, an AI-powered pet care website, utilizing advanced image classification technology to offer pet owners personalized health insights and real-time recommendations for their beloved pets' well-being.

- **Front-end** // React, TypeScript
- **Back-end** // Node.js, Express
- **Database** // MySQL
- **Other** // Firebase, OpenAI, and MUI

## Training and Certifications

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### Full-Stack Web Development Bootcamp - SE Factory, Lebanon

July 2023 – October 2023

Completed an intensive full-stack web development program covering cloud architecture, front- and back-end development, version control, and web application security over 13 weeks of lectures, workshops, and projects.

### Foundations of Computer Science Course - SE Factory, Lebanon

March 2023 – May 2023

The Foundations of Computer Sciences program covered: control flow, data structures, complexity analysis, and algorithms using Python over 9 weeks (part-time) of lectures, workshops, and projects.

## Education

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### Bachelor of Engineering (B. Eng.) Civil & Environmental Engineering - Beirut Arab University, Lebanon

September 2016 – May 2021

## Languages

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Arabic (Native); English (Fluent)