

Houssein MOUSSAWI

houssein.a.msw@gmail.com / +961 81718669
<https://www.linkedin.com/in/HousseinMoussawi/> <https://github.com/HousseinMoussawi>



OVERVIEW

Results-oriented Developer with a **solid foundation in full-stack web development** and software engineering. Proven track record of **successfully managing complex projects from concept to deployment**, with a knack for problem-solving and a collaborative approach. **Passionate about leveraging technical skills to develop innovative** solutions that drive business growth and enhance user experiences.

EDUCATION

Lebanese International University

Bachelor of Science in Computer & Communications Engineering (CCE)

Rayak, Lebanon
2019 - 2023

- Led a team in developing and implementing an online e-commerce platform using python's Django framework optimizing performance to reduce load times and enhance website responsiveness
- Tutored over 20 peers in Web Development and Operating Systems, leading to a 20% increase in overall class performance. Developed customized learning resources that improved understanding and retention rates

CERTIFICATES

SE Factory

Full Stack Web Development Certificate

Beirut, Lebanon
2024 - 2024

- Completed an intensive 12-week program, mastering both front-end and back-end technologies, cloud architecture, and web application security
- Developed and implemented a scalable online skill-learning through games platform using the MERN stack, optimizing performance to reduce load times and enhance user experience
- Worked on three major projects, including a subway system booking website, a flight booking website, and a restaurant website. Improved team efficiency by 30% through effective use of Agile methodologies and version control systems

SAMPLE PROJECTS

Skill Quest - GitHub Repo: <https://github.com/HousseinMoussawi/Skill-Quest>

- Developed a gamified learning platform using the MERN stack and with the help of Phaser3 JavaScript game design framework, featuring AI chatbot integration to help the users pick the best games to play
- Built and optimized a robust backend with Node.js and Express, ensuring scalability
- Enhanced user experience with a responsive UI using React

Flight Booking Website - GitHub Repo: <https://github.com/HousseinMoussawi/Flight-Website-Fullstack>

- Collaboratively engineered a comprehensive flight booking system with features such as user authentication
- Led the integration of third-party APIs, enhancing the platform's functionality and expanding service offerings
- Optimized database queries using MySQL, reducing data retrieval times by 50% and ensuring high performance under load

Restaurant Website

- Developed a dynamic restaurant website with features like reservation management and food reviews. Enhanced customer engagement by 25% with an interactive, user-friendly design.
- Implemented a secure, scalable backend using PHP and Laravel, reducing server response times by 40% and enhancing user experience and satisfaction

ADDITIONAL INFORMATION

Interests: Basketball, swimming, painting, and football

Nationality: Lebanese

Languages: Arabic (Native), French (Fluent), English (Fluent), Japanese (Learning)

Computer Languages & Technical Competencies:

- Programming Languages: Python, JavaScript, PHP, SQL
- Scripting Languages: Bash, Shell Scripting
- Database Management Systems: MySQL, MongoDB
- Frameworks & Libraries: Laravel v10.x, React, React Native, Node.js, Express, Django, Bootstrap 5
- Web Development: HTML5, CSS3, SASS, JavaScript ES6+, TypeScript
- Tools & Cloud Services: GitHub, GitLab, Postman, Figma, AWS
- Software Engineering Practices: Agile, Scrum, Test-Driven Development (TDD), Continuous Integration/Continuous Deployment (CI/CD)
- Theory: Complexity Analysis, Data Structures and Algorithms, Design Patterns, Object-Oriented Programming (OOP), Software Design Principles (SOLID, DRY, KISS)

Soft Skills: Critical thinking, problem solving, communication, teamwork, creativity, and leadership