

# Hasan Mawassi

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## SUMMARY

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Software Engineer skilled in React, Laravel, and Node.js, passionate about building efficient and scalable web applications. Experienced in REST API development, Docker-based deployment, and using CI/CD pipelines. Strong communicator and team collaborator with a passion for AI, automation, and solving real-world problems using clean, maintainable code.

## TECHNICAL SKILLS

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**Programming Languages:** Java, JavaScript, PHP  
**Frontend:** React.js, EJS, Bootstrap, Flutter, Electron.js  
**Backend:** Node.js/Express.js, Laravel, REST APIs, JWT  
**AI/ML:** OpenAI API, LangChain  
**Databases:** PostgreSQL, MySQL, Prisma ORM  
**DevOps:** Docker, AWS (EC2/S3), GitHub Actions CI/CD  
**Tools:** Redux, Axios, Passport.js, Git, GitHub, Postman, Jest  
**Spoken Languages:** Arabic (Native), English

## PROJECTS

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| <b>Smart Clinic (<i>GitHub</i>)</b>   | React.js, Flutter, Express.js, PostgreSQL, OpenAI API, LangChain, AWS, Docker |
| <ul style="list-style-type: none"><li>• Patients app built with Flutter, enabling appointment booking via voice/text with a chatbot using LangChain (Reduced booking errors by 30% via chatbot automation)</li><li>• React.js web portal for doctors with AI-assisted diagnosis generation and report automation (reduced manual reporting time by 40%)</li><li>• Backend built with Express.js and PostgreSQL, using RESTful APIs to connect mobile and web platforms</li><li>• Implemented CI/CD pipeline using GitHub Actions and Docker, with separate staging and production environments on AWS</li></ul> |   |
| <b>TasawaQ</b>  | Express.js, EJS, PostgreSQL, Bootstrap, Machine Learning Models               |
| <ul style="list-style-type: none"><li>• A multi-role web application for workers, admins, managers, and customers Express.js, EJS, PostgreSQL</li><li>• Frontend: Built dynamic, responsive web platforms using EJS, HTML, CSS, and Bootstrap.</li><li>• Backend: Developed using Node.js/Express.js with PostgreSQL as the database.</li><li>• Created dashboards, scheduling, daily logs, and sales tracking tools across 4 user roles</li><li>• Integrated machine learning model for price/sales forecasting, improving demand estimation accuracy</li></ul>  |   |
| <b>HR System</b>  | Laravel, React.js, MySQL  |
| <ul style="list-style-type: none"><li>• Group project to build an HR management platform supporting employee profiles, performance tracking</li><li>• Acted as Communication Lead by creating and managing a Slack workspace, organizing daily stand-up meetings</li><li>• Developed key features including employee profile management and performance evaluation system using Laravel and MySQL</li><li>• Contributed to a responsive frontend with React.js for seamless user experience across HR modules</li></ul>   |   |

## EDUCATION

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**Lebanese International University**  
*Bachelor in Computer Science 3.93/4 GPA*

LIU  
2021 – 2025

# CERTIFICATIONS

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## Certifications and Courses

- Full Stack Software Engineer, SE Factory
- The Complete 2024 Web Development Bootcamp, 60.5 hours, Udemy
- IT Essentials: PC Hardware and Software, 28 Mar 2024, Cisco Networking Academy
- CCNAv7: Introduction to Networks, 06 Mar 2024, Cisco Networking Academy
- CCNAv7: Switching, Routing, and Wireless Essentials, 16 Aug 2024, Cisco Networking Academy