

# Ibrahim Hassoun

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## SUMMARY

Arising full stack engineer transitioning from a biological background, with a strong foundation in UI development, backend designing and implementation, and database management. Skilled in React, Tailwind, PHP, Laravel, NodeJS, ExpressJS, MySQL, MongoDB and various frontend and backend libraries. Excellent problem-solving, research, and collaboration abilities. Seeking a challenging role to develop robust full stack applications.

## TECHNICAL SKILLS

**Programming Languages:** JavaScript, PHP, Java, Ruby, SQL.

**Frontend frameworks and libraries:** React (expert), React native (intermediate), Redux, Tailwind, Bootstrap, Flutter, Google ML kit.

**Backend frameworks and libraries:** Laravel 12x (expert), ExpressJS, TensorFlow, Ruby on Rails.

**Libraries & Tools:** Git, AWS, Docker, Prism.

**Software Development and testing:** CI/CD, Pull Requests, Testing, Clean Code Practices.

**Core computer science competencies:** Complexity Analysis, Data Structures & Algorithms, Design Patterns, OOP.

**Spoken Languages:** Arabic (Native), English (IELTS C1), French (DELF B2), German (B1).

## PROJECTS

**Batal: AI-powered fitness app** May 2025 – individual project, *Flutter, Laravel, React*

- Integrated an AI-powered pose detector to enhance and rate exercise technique.
- Built a recommendation system to recommend exercises and trainers for users.
- Built a live chatting system using node's websockets.
- Implemented a social media feed.
- Built a CI/CD pipeline with docker containers on a AWS EC2 instance.
- Built a clean architecture backend respecting REST standards.

**HR management system** March 2025 – *group project of 4, React, PHP, Laravel*

- Occupied the frontend lead role, supervised the design process, enforced best practices and conventions, and developed my features' backend.
- Integrated an AI-powered personalized chatbot that uses previous chats to enhance current performance.
- Integrated a geolocation-based clock in/out feature for employees.

**TI Alrabaa** February 2024

- Developed a full-featured **Laravel REST API** with JWT authentication, modular services, and image handling for a product-based e-commerce platform.
- Built a responsive **React frontend** using Redux Toolkit, Tailwind CSS, and Framer Motion, with reusable components and dynamic UI logic.
- Integrated **shopping cart, order processing, and Stripe payments**, synced with backend using a custom API request layer.
- Deployed the full stack on **AWS EC2 with Docker Compose**, including Laravel, MySQL, React, and Nginx reverse proxy with SSL.
- Ensured database persistence and performed **production DB migrations and imports** using Dockerized MySQL and secure volume management.

## EDUCATION

**Lebanese University** Hadath, Lebanon *B.S. in Computer Science, 2023-2026*

**Lebanese University** Hadath, Lebanon *B.S. in Biology, 2019-2023*

## Certificates

**SE Factory** - *Full-Stack Bootcamp | February 2025 – May 2025*

- Intensive 14-week program focused on full-stack web development
- Built multiple projects, including a Digital Wallet Platform and an AI-powered fitness app
- Gained experience in version control (Git), SQL database design, and backend development.
- Worked in an agile environment, following best coding practices and team collaboration.