

# Omar El Wafaii

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## EDUCATION

### Lebanese University

*Bachelor of Science in Computer Science*

Hadath, Lebanon

2021 – 2025

## EXPERIENCE

### MednMind

*Junior Software Developer*

November 2024 – Present

*Beirut, Lebanon*

- Contributed to the development of a high-performance cross-platform mobile application using React Native and TypeScript, focusing on optimizing performance and ensuring a native-like user experience on both iOS and Android platforms.
- Developed and maintained responsive web interfaces using React.js, applying component-based design principles to enhance code reusability and maintainability, contributing to streamlined development and improved project longevity.
- Developed scalable RESTful APIs using NestJS to create efficient data management solutions that effectively bridged frontend and backend systems, improving data flow and application responsiveness.
- Contributed actively in an Agile environment, participating in sprint planning sessions, daily stand-ups, and collaborative code reviews to ensure consistent code quality

### MednMind

*Front-End Developer Intern*

August 2024 – October 2024

*Beirut, Lebanon*

- Developed data-intensive front-end components using React.js and TypeScript, effectively handling large datasets while maintaining application performance and responsiveness.
- Integrated backend APIs to enable real-time data processing and management, establishing efficient communication between frontend and backend system layers.
- Refactored and optimized front-end codebase, improving maintainability, reusability, and adherence to best practices, resulting in a more scalable and modular architecture.
- Implemented scheduling functionalities by integrating and customizing third-party libraries, including FullCalendar, to meet project requirements and improve user experience.
- Utilized React Hooks and TypeScript for efficient state management and type-safe form handling, contributing to a reduction in runtime errors and improved application stability.

## PROJECTS

### PC Builder | *JavaScript, React, Node.js, Express.js, PostgreSQL*

2024

- Designed and developed a web application empowering users to assemble custom PCs from a comprehensive parts database
- Implemented dynamic compatibility logic to prevent invalid builds, enhancing user experience
- Managed application state effectively using React Context API and integrated React Router for seamless navigation

## TECHNICAL SKILLS

**Languages:** Java, JavaScript, TypeScript, C#

**Frameworks:** Spring Boot, React, Express.js, ASP.NET, NestJS

**Developer Tools:** Git, Linux, Docker, AWS

**Relevant Coursework:** OOP, Operating Systems, Networks, Web Development, Data Structures and Algorithms, Design Patterns