

Alaa Asaad

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SUMMARY

Full-stack developer with hands-on experience in building scalable web applications, database management, and API integration. Proficient in Angular, React.js, .NET, and Node.js, with strong problem-solving, adaptability, and critical thinking skills. Passionate about delivering efficient, user-centric solutions while leveraging AI, cloud technologies, DevOps, and best development practices.

PROFESSIONAL EXPERIENCE

Full Stack Developer Intern | IDS Fintech – Beirut, Lebanon

July 2024 – August 2024

- Developed and optimized database interactions using SQL, ADO.NET, Entity Framework, and Dapper, ensuring efficient data mapping, retrieval, and seamless API integration for improved application performance.
- Assisted in full-stack development, utilizing C#, JavaScript, jQuery, Angular, and DevExtreme to enhance web applications, improve user experience, and support business requirements.

PROJECTS

Library Management System

A web-based system for efficiently managing library operations, including book cataloging, user management, and role-based access control. Features book search, borrowing, return tracking, and seamless API integration.

Technologies Used: Angular 18, HTML, CSS, SCSS, TypeScript, .NET Core 8 APIs, SQL Server, JWT, Identity.

Fillia (Capstone Project)

A donation and sales platform helping crisis-affected individuals in Lebanon. Enables donors to customize donation boxes, supports case submissions, and integrates AI for verification, fraud prevention, and optimized recommendations.

Technologies Used: React.js (Vite), Tailwind CSS, Framer Motion, Node.js, Express.js, MongoDB Atlas, Cosine Similarity, Trust AI, Image Validation AI, Docker, Hostinger, Jest.

Table Booking System

A restaurant reservation system that allows users to book tables, manage reservations, and receive real-time availability updates. Includes an admin dashboard, user authentication, notifications, and secure booking confirmation.

Technologies Used: Angular, TypeScript, HTML, CSS, Bootstrap, .NET Core, Entity Framework, ASP.NET Web API, Azure, SQL Server.

Taskly – Task Management App

A productivity app for task organization with due dates, categories, priority settings, and secure user authentication. Includes drag-and-drop task management, real-time updates, notifications, and cross-device compatibility.

Technologies Used: Next.js, Node.js, Express.js, MongoDB, JWT.

EDUCATION

Bachelor of Science in Computer Science | Al Maaref University (MU) – Beirut, Lebanon

October 2021 – September 2024

- Secured Third Place in Al Maaref University's Best Graduation Project Competition for the academic year 2024–2025, recognizing innovation, technical excellence, and impactful problem-solving.

OTHER

Programming Languages: JavaScript, TypeScript, C#, PHP (Basic).

Frontend Development: HTML, CSS, React.js, Next.js, Angular, DevExtreme, Tailwind CSS, Bootstrap, Framer Motion.

Backend Development: Node.js, Express.js, ASP.NET, TypeORM.

Database: MySQL, SQL, MongoDB Atlas.

Tools: Git, Postman, SSMS, MySQL Workbench, Jupyter Notebook, Azure, Docker, Jira, Canva, MS Office, Axios, PhpMyAdmin, XAMPP.

Development Principles and Methodologies: MVC Architecture, SOLID Principles, RESTful APIs, Agile Methodologies (Scrum, Kanban).

Soft Skills: Problem-Solving, Adaptability, Team Collaboration, Communication, Time Management, Attention to Detail, Critical Thinking.

Languages: Arabic (native), English (fluent).