

Full-stack Developer with a strong passion for backend development. Focused on building efficient and scalable solutions.

Projects

Project Management System (In Progress)

ASP.NET Core Web API, Entity Framework Core, PostgreSQL, Docker, JWT Authentication

Developing a project management system for creating, tracking, and managing projects, tasks, and team workflows.

- Designing and implementing RESTful APIs using ASP.NET Core Web API following Clean Architecture principles.
- Building a PostgreSQL database schema for managing projects, tasks, users, and workflow status tracking with Entity Framework Core.
- Implementing JWT authentication and role-based authorization to secure application resources.
- Developing task assignment, status management, and progress tracking features to support team collaboration and productivity.
- Integrating FluentValidation, health checks, and structured logging to improve reliability and maintainability.
- Containerizing the application with Docker to ensure consistent deployment across different environments.

FinTrack – Digital Wallet Application

ASP.NET Core MVC, Entity Framework Core, PostgreSQL, Docker, Tailwind CSS

- Designed and implemented a digital wallet system allowing users to register, authenticate, deposit funds, withdraw funds, and transfer money between accounts.
- Built a PostgreSQL database schema with relational mappings using Entity Framework Core.
- Implemented transaction history tracking.
- Containerized the application and database using Docker and Docker Compose.
- Developed responsive user interfaces using Razor Views and Tailwind CSS.
- Applied password hashing and session-based authentication for account security.

Cedar Craft – E-Commerce & Custom Product Platform

Laravel, PostgreSQL, AJAX, Alpine.js, WebSockets, Tailwind CSS

- Designed and developed a full-stack e-commerce platform supporting both standard and customized product ordering.
- Implemented authentication, authorization, and middleware-based role management (Admin / Customer).
- Built a real-time chat system between customers and admin using WebSockets.
- Developed an admin dashboard to manage products, accept or reject customization requests, configure homepage settings, and track orders and revenue.
- Developed a customer dashboard allowing users to browse products, manage carts, place orders, and request product customization.
- Implemented a workflow where customized products require admin approval before purchase completion.
- Used AJAX and Alpine.js to create a dynamic, responsive user experience without full page reloads.
- Designed and managed a PostgreSQL database for scalable data storage and relationships.

Certifications

Semicolon Academy

CTF: Cybersecurity Competition

- Gained hands-on experience in ethical hacking techniques, including **vulnerability scanning**, **reconnaissance**, and **exploitation fundamentals**.
- Developed practical skills in identifying, analyzing, and **mitigating** common security threats and system vulnerabilities.
- Applied cybersecurity best practices to simulate real-world attack scenarios and strengthen overall security posture.
- Strengthened understanding of core cybersecurity principles such as **network security**, risk assessment, incident response, and secure system design.

SE Factory – Foundations of Computer Science

SE Factory FCS: Programming & Web Development Training

- Completed an intensive Foundations of Computer Science program covering programming fundamentals, problem-solving, and software development concepts.
- Gained hands-on experience with **Python, JavaScript, PHP, HTML, and CSS** through practical exercises and projects.
- Developed frontend applications using HTML, CSS, and JavaScript, focusing on responsive design and interactive user interfaces.
- Built backend applications using PHP, applying core programming concepts and web development principles.
- Successfully completed individual assessment projects, including a standalone web application (HTML/CSS/JavaScript) and a standalone PHP application.

Technologies and Languages

- Languages: Java, Php, Javascript, Python, HTML, CSS,C#
- Technologies: MySQL, Laravel, Express, React, JQuery, Tailwind, Git, Linux, Arduino,Docker

Education

- **B.Sc. Computer and Communications Engineering**, Lebanese International University. **2022 – 2026**

Languages

- Arabic(mother-tongue)
- English(fluent)