Osama Nashwan Wazea Dammag - Resume

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OBJECTIVE

Detail-oriented and highly motivated Computer Science graduate with 2 years of hands-on experience in modern web development using .NET, Angular, and React. Strong foundation in Clean Architecture, API development, microservices, and front-end integrations. Passionate about building scalable, maintainable, and high-performance systems in collaborative Agile teams.

EXPERIENCE

Web Developer - Visual Soft

Sana'a, Yemen | 06/2024 - 08/2024

- Orchestrated the decoupling of read and write operations by integrating CQRS and Clean Architecture, leading to a 40% reduction in query response times and improved system throughput by 35%.

- Designed and implemented robust JWT-based authentication mechanisms, enhancing platform security and enabling token refresh strategies.

- Engineered SQL Server queries with advanced stored procedures, views, and functions, resulting in a 30% increase in data processing efficiency.

- Utilized Git and GitHub to manage project versions and streamline team collaboration, leading to a 50% reduction in merge conflicts.

.NET Developer - Tharawat for Financial Services & Investment

Sana'a, Yemen | 09/2023 - 02/2024

- Orchestrated a modular .NET Web API framework adhering to Clean Architecture principles, resulting in a 40% decrease in code duplication and a 25% faster debugging response time.

- Applied RESTful and GraphQL principles and tested APIs using Swagger and Postman, increasing test coverage to 90%.

- Used SOLID principles and implemented design patterns to boost code maintainability and reduce refactoring by 35%.

- Practiced Agile development using Scrum methodology and daily standups.

Developed and executed unit tests, increasing overall application reliability and supporting 85% regression test automation.

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EDUCATION

Bachelor of Computer Science - Sana'a University (2025)

SKILLS

- .NET Core, .NET 6/8, Web API, REST, GraphQL, Entity Framework

- Clean Architecture, Microservices, CQRS, SOLID Principles

- Angular, React (Vite), TanStack Router, Axios, Interceptors, ShadCN

- SQL Server, JWT, Authentication & Authorization, Identity Framework

- Git & GitHub, Swagger, Postman, Agile/Scrum, Unit Testing (XUnit)

LANGUAGES

- Arabic: Native

- English: Advanced

PROJECTS

Graduation Project - Learning Management System (LMS)

- Developed a full-stack LMS platform for the Computer College at Sana'a University.

- Backend: Laravel framework using clean code, service/repository pattern, Sanctum for authentication, Algolia for

caching, rate limiting, and Eloquent ORM.

- Features: Managed students, instructors, study plans, course assignments, grading, absence tracking, and more.-

  Frontend: Built using React with Vite, Axios (with interceptors), TanStack Router for routing, and ShadCN templates for

  UI. Applied DRY principles for maintainability.

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E-commerce App

- Built an e-commerce platform using .NET MVC.

- Supported product listings, shopping cart, checkout workflow, and dynamic QR code generation for each product.

- Applied MVC architecture and ensured backend/frontend integration.

Institute Management System

- Developed a .NET MVC mini-system to manage students, teachers, and courses.

- Integrated Entity Framework for ORM and built notifications with user flows.

Library Management System

- Built a C# Windows Forms application for managing book inventory and sales.

- Supported all CRUD operations with dynamic data display and input validation.

GitHub Clone (PHP)

- Simulated a GitHub-like environment using PHP.

- Allowed users to upload, manage, and download projects with CRUD capabilities and a searchable UI.

Profile App (Adobe XD)

- Designed a fully responsive and dynamic personal profile app.

- Focused on accessibility, responsiveness, and consistency in UI/UX layout using Adobe XD.

User Management Web API

- Built a robust .NET Web API with Clean Architecture for managing users, roles, and permissions.

- Applied REST and GraphQL APIs and tested endpoints using Swagger and Postman.

- Ensured clear separation of concerns using repository and service patterns.

E-commerce API Platform (Not Completed)

- Designed a microservice-based architecture using Clean and Vertical Slice Architecture (VSA).

- Used API Gateway and Azure Service Bus for communication and event handling.

- Services include user registration, authentication, product listing, and notifications.

CodePulse Web API

- Built using .NET Web API and consumed via an Angular frontend.

- Applied CORS policy and secure communication with Identity Framework.

- Manual request/response handlers implemented for validation and logging.

- Angular used interceptors and Auth Guards for secure access to API.

Malabi App

- Flutter-based mobile app for booking private/public sports stadiums.

- Used GetX for state management and MVC architecture for clean separation.

- Backend: .NET 8 with Clean Architecture exposing secure, scalable endpoints.