

Amjad Alwattar

DevOps & Back-End Engineer

Passionate software engineer with solid backend development skills cultivated through real-world corporate projects. Skilled in building reliable backend solutions suitable for various project needs. Currently diving into DevOps to blend software development with IT operations, aiming to optimize project workflows and team harmony. Always on the lookout for new challenges to broaden expertise and drive innovation at the crossroads of software engineering and DevOps.

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LinkedIn: Amjad Alwattar	Website: amjad.cloud	Languages: English-Intermediate, Arabic-Native	

Education & Certifications:

Bachelor of Science in Informatics Technology, Major in Software Engineering Damascus University – August. 2024

Recommendation Certificate York British Academy [link](#) – August, 2024

Scientific Baccalaureate 2019 with a GPA of 94.1

Technical Skills

- Programming Languages:**
PHP, JavaScript ,TypeScript and Python
- Operating systems**
Windows and Linux
- Scripting Languages:**
Bash, PowerShell
- Backend frameworks:**
Laravel, Node.js/Express, Nest and Django
- Database:**
MySQL, Postgres, MongoDB and Redis
- ORM & ODM**
Laravel ORM, Prisma and Mongoose
- Programming Concepts:**
Proficient in OOP concepts
Knowledge of AOP concepts
Strong understanding design patterns.
Knowledge of SOLID principles
- Architectures**
MVC and HMVC architectures.
Modular architecture
Monorepo architecture
Familiar with microservices architecture, with experience in designing services that communicate via HTTP, gRPC, and message brokers like Redis & Rabbit-mq.
- Process Models:**
Plan Driven Models and Agile Methodologies
- project management tools:**
Jira and ClickUp
- Libraries:**
jQuery, socker.io, ThreeJs, apollo & puppeteer
- Realtime**
WebRTC, Web socket and pusher
- Front-end:**
Html, CSS and Js
- Web services and protocols**
REST and GraphQL
- Services:**
Google Drive, Firebase and Gmail
- Message Brokers**
Rabbit-mq & redis
- Git**
- Database optimization**
- RESTful API development and maintenance**
- Cross-Team Collaboration**
- Unit test & Integration test**
- AWS Services:**
EC2, RDS, S3, CloudFront, IAM, VPC, Lambda, ECS and Fargate
- Monitoring:**
Promtail, Loki, Grafana and Prometheus
- Web Server Administration:**
Nginx
- Docker**
- Terraform**
- Ansible**
- Load Balancing**
- Cloud**
- CI-CD tools**
Gitlab actions and Github action
- Web Security:**
XSS, CSRF, SQL Injection, Directory Traversal, and other web vulnerability prevention techniques.

Work Experience

DevOps & Backend Developer | Wege company | Dubai, UAE

March 2025 – present (Full Time, Remotely)

Designed & deployed scalable **AWS** infrastructure (EC2, RDS, S3, Lambda, ECS, Fargate, IAM) using Terraform.

Built **CI/CD** pipelines with Github for automated testing, deployment

Build **monitoring** system and alarms for all services for logs and consume resources

Developed backend e-commerce services in **Django**.

Focused on high availability, performance, and DevOps best practices.

Collaborated in Agile teams using **Jira** for task tracking [link](#)

Backend Developer | Scandinavia Tech (Copax project) | Dubai, UAE – Damascus, Syria

august 2024 – February 2025 (Full Time, Onsite)

Contributed to the development of the Copax fleet management system, optimizing vehicle and driver performance through **IoT**.

Developed **microservices** using **NestJS & TypeScript** for GPS tracking, fuel management, and fleet performance monitoring.

Built real-time vehicle tracking features using **rabbit-mq** message broker and **socket**-based communication.

Collaborated in Agile teams using **ClickUp** for task tracking. [link](#)

Backend Developer | Pharmaway company | Damascus, Syria

March 2023 – February 2024 (Full Time, Onsite)

Refactored legacy **Laravel** code, improving response time by 50%.

Implemented caching and query optimization for large datasets.

Built RESTful APIs and maintained backend stability in production.

Created technical documentation and tracked tasks in **ClickUp**.

Graduation project

Built a full-featured education platform to centralize services for trainees and trainers, replacing multiple third-party tools.

The platform featured:

- Training System: Live sessions, screen sharing, whiteboard, anti-fraud assignments, and session recordings.
- Session Management: Scheduling, statistics, and reporting.
- Certificate Generator: Dynamic templates, NFT-backed certificates for authenticity.

My Roles:

- Led backend development and DevOps, including code reviews and system architecture.
- Deployed microservices (Laravel, NestJS, NestJS, Flutter) using Docker & GitLab CI/CD on Windows Server.
- Built CI/CD pipelines, ensured cross-service communication, and managed infrastructure.

Technologies Used: WebRTC, Socket, Laravel, Nest.js, Redis, Nginx, MySQL, PostgreSQL, Prisma, GitLab runners & Docker.

Project Experience

Gps tracking ²⁰²⁵

Designed and implemented a real-time GPS tracking system to monitor mobile app location data.

Built a **React Native mobile app** that captures live GPS coordinates and sends updates only when movement is detected, reducing unnecessary data transfer.

Developed a **Node.js server with TypeScript and Socket.IO** to handle real-time communication and broadcast live location updates.

Created an **interactive web dashboard** using **HTML, CSS, and JavaScript** to visualize movement history on the map, with filters for date range selection and playback functionality. [link](#)

Source Safe ²⁰²³

Built a web-based system to manage file collaboration with controlled access and version safety.

Key Features:

- Check-in/out system to prevent parallel editing
- File grouping with access control
- Exclusive file locking and usage tracking
- Reporting by user or file activity
- Scaled to 100+ users via **round-robin load balancing**

My Roles:

- Led backend development using **NestJS, Prisma, PostgreSQL, Redis**, and **Google Drive API**
- Deployed using **Docker** and **Nginx** for high performance. [link](#)

Dental Clinic Management 2023

I was part of the team that developed Back-End side Using **Nest.js**, **Prisma**, **GraphQL & Docker** for a Dental Clinic Management system that allows doctor to manage their patient profiles, reservations, appointments, lab orders and visualize medicines indications.

It has two platforms:

Desktop application for the doctor using **Flutter** desktop.

Web application for the patients using **React**. [repo](#)

Ticket Management System 2023 Freelance Project

Worked on a comprehensive ticket management system that includes multiple roles (admin, user, technician, manager) with the following features:

- Authentication and role base access control.
- Ticket Management: Developed functionalities for creating, updating, and managing tickets, with a comment feature for detailed ticket discussions.
- Role-Based Conversations: Enabled real-time conversations between admin and users, and between managers and users, to track ticket statuses and resolutions.

Technologies Used: **Node.js** with **Express** for the backend, **MongoDB** with **Mongoose ODM** for database management.

Frontend Development: Created a web interface using **HTML**, **CSS**, and **JavaScript**, with **Socket.io-client** to trigger and display all events in a simple and visually appealing manner. [web page simulation](#)

Application of tourism 2022

'**Trip Tips**' is a comprehensive tourism management app, empowering users to explore top destinations, discover top-rated hotels, restaurants, and attractions. and plan trips effortlessly. Our mobile platform facilitates browsing, commenting, issue reporting, favoriting, and booking accommodations securely with our private e-wallet.

Property owners have not listed yet can request inclusion via our web portal, gaining full management privileges. Administrators enjoy a centralized dashboard for overseeing all operations.

I leveraged **Laravel** to ensure robust functionality, implemented a **multi-role** and **permissions** system for admin, manager, supervisor, and user roles, facilitated efficient data management. [link](#)

Store Application 2021

"**X-Buyer**" which is an online store of a **flutter** app that sells products which are close to expiration and applies discounts on them.

Database of this app was developed by using **MySQL** and REST-API was created by using **Laravel** framework, for a university subject. [demo](#) [download](#)

Full stack projects

Chat Room App 2023

is a real-time chat application that enables users to enter their name and join a chat room where they can communicate with other users connected to the server. The application was built using **Node.js** and **Socket.IO** for the backend, and **HTML**, **CSS**, and **JavaScript** for the frontend. [repository](#)

Chat app 2022

"**TT**" is a chat application that supports a lot of features such as

- individual and group conversations.
- file, image, and audio records sharing.
- typing now.
- customizable themes.
- language options.
- notifications.

To develop **TT**, I used **Laravel API** and **MySQL** for the backend, as well as **HTML**, **CSS**, **JS** and **jQuery** for the frontend. I utilized **Pusher** services for real-time messaging, and integrates **Firebase** into the app for notifications. [link](#)

Games and Simulation Projects:

Soko Number Game 2023

"**Soko Number**" is a fresh and captivating puzzle game that challenges your intelligence and logical reasoning skills. Apart from the playing mode, the game can also be tackled with renowned algorithms such as **DFS**, **BFS**, **UCS**, and **A***. It is developed using **HTML**, **CSS**, and **JS**. [link](#)

Simulation of the motion of a satellite 2022

Developed a simulation project for the movement of the satellites around the Earth using **JavaScript** and **ThreeJs** library. [link](#)

Snake Nokia Game 2019

This project is a classic Snake game implemented in **C++**, inspired by the iconic Nokia mobile phone game. The game provides a nostalgic experience while incorporating modern programming practices [repo](#)