

Daniel Kasem

Software Engineer & Full-Stack Developer

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Links: [LinkedIn](#) | [GitHub](#) | [Codeforces](#) | [StackOverflow](#) | [Portfolio](#)

Software Engineer

Experienced Software Engineer skilled in Node.js, PHP, Javascript, and Golang, focused on building scalable systems. Proficient in RESTful API design, Docker containerization, and database management (MySQL, PostgreSQL, MongoDB). Passionate about clean code and solving complex challenges.

Work Experience

Cogent Softech – Beirut, Lebanon

Backend Engineer (May 2022 – Present)

- **Developed and optimized** scalable backend services using **PHP, NestJS, Node.js, and Golang**, designing efficient RESTful APIs and microservices.
- **Containerized** applications (React.js, Next.js, Nest.js, PHP) using **Docker**, implementing a robust **CI/CD pipeline** for automated deployments on **AWS ECS**.
- **Automated deployments** with **GitLab CI/CD**, managing container builds, pushing images to **Amazon ECR**, and orchestrating services on ECS tasks.
- **Architected and maintained** database schemas and system infrastructures for **ERP, medical, e-commerce, and POS solutions**, ensuring high availability and performance.
- **Led system analysis efforts**, identifying bottlenecks and implementing scalable, high-performance solutions to enhance system reliability and maintainability.

Ordoro – Jeddah, Saudi Arabia (Remote)

Backend Engineer (May 2022 – Jan 2024)

- **Developed** a scalable **B2B eCommerce platform** using **Medusa.js**, enabling seamless multi-client operations.
- **Transformed** the platform into a **multitenant architecture**, enhancing scalability and client management.
- **Designed and implemented** a robust **dashboard** for **suppliers and super admins**, providing analytics and operational control.
- **Integrated ZATCA-compliant e-invoicing** and **BNPL (Buy Now, Pay Later)** to streamline financial transactions.
- **Optimized delivery logistics** by leveraging **Google's Optimization AI** to solve the **Vehicle Routing Problem (VRP)**.
- **Developed a Point of Sale (POS) system** for retailers, integrating it with the **B2B platform** for seamless operations.

YAWAR – (remote)

Backend Developer (May 2023 – Aug 2024)

- Migrated a **large-scale JavaScript application** to **TypeScript**, enhancing maintainability, scalability, and type safety.
- Implemented **dependency injection** and **TypeORM**, improving database management and code modularity.
- **Refactored unstructured legacy code into efficient, modular components**, boosting application performance by **25%**.

PROKODERS – Remote (United Arab Emirates)

Backend Developer (Dec 2021 – Jan 2023)

- Developed and maintained **ERP systems, Learning Management Systems (LMS)**, and various web applications using **Laravel**.
- Built **core functionalities**, optimized performance, and designed **scalable backend solutions**.
- Expanded technical expertise by learning **.NET Core**, contributing to cross-platform application development.

Flexsol (remote)

Fullstack Developer (Laravel / HTML / CSS / JS) (Jan 2021 – Dec 2021)

- Designed and developed a **dashboard and API** for a **university library mobile app**, enabling seamless access to resources.
- Implemented features for **lecture and video course sales**, along with **subject test functionalities** to aid student exam preparation.

Core Proficiencies & Skills

Programming Languages: PHP ,Node.js, Golang, JavaScript, TypeScript, Python (basic)

Backend Frameworks & Libraries: Laravel ,Nest.js, Express.js, Gin, Echo,Django

Databases & Data Management:MySQL, PostgreSQL, SQL Server, MongoDB, Redis, Meilisearch

Cloud & DevOps: AWS (EC2, ECR,Lambda, RDS, Cognito), Docker, GitLab CI/CD, Nginx, Linux

Software Development & Best Practices:

REST/GraphQL, Microservices, MVC, Design Patterns, Problem Solving, Automated Testing (Jest), CI/CD, System Architecture

E-commerce & Payment Integration:

Medusa.js, Stripe, PayPal, FedEx, Shippo, ZATCA-compliant e-invoicing, BNPL (Buy Now, Pay Later),Stripe,PerfectMoney, Tasdid, Switch, ZainCash,Paypal

Real-time & Communication Technologies:WebSockets, Socket.IO, Firebase, Swagger

Project Management & Collaboration:Git, Postman, Jira, Slack

Integrations:Social Media Integrations(Facebook, Instagram, Twitter),**Calendar Integrations:**(Google Calendar, Office365 Calendar, MsExchange),**IoT Integrations:**(Airthings, Webex, Cisco, Salto Lockers)

Education

Tishreen University – Syria

Bachelor of Software Engineering

Nov 2016 – Nov 2021

- Graduated Top 4, GPA: 85.23% (Excellent)

Certifications

- **AWS Cloud Technical Essentials** - Amazon Web Services, *September 2024*
[Certificate](#)
- **Getting Started with Go** - University of California, Irvine, *August 2024*
[Certificate](#)

HONORS & AWARDS

Albasel Certificate - Tishreen University

- Achieved 89.5% in recognition of academic excellence.