

Ammar Mohammed

Senior Frontend Engineer | Full-Stack Development | Software Architecture

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LinkedIn: ammar-mohammed-37081720a | GitHub: CTF write-ups

PROFESSIONAL SUMMARY

Senior Frontend Engineer with experience in frontend team leadership, full-stack development, and software architecture. Builds enterprise applications using Vue.js/Nuxt.js, TypeScript, Laravel, and Go. Work spans multi-tenant platforms, real-time data systems, database optimization, SIEM development, and infrastructure security.

PROFESSIONAL EXPERIENCE

Senior Frontend Developer / Cybersecurity Engineer

Daw Alfada | Baghdad, Iraq | Company tenure: Nov 2024 - Present

Joined in cybersecurity and later added a senior frontend role, continuing security responsibilities alongside full-stack development and software architecture.

- Design application architecture and guide technology selection and development workflows.
- Redesigned data pipelines and database architecture for a vehicle GPS tracking system to address server latency, downtime, and growing location datasets.
- Architected and developed a multi-tenant task management platform, including tenant isolation, application architecture, and supporting infrastructure.
- Built an interactive cybersecurity labs platform with sandboxed environments and practical, gamified security challenges.
- Developed a SIEM platform with Laravel and Vue.js, supported by Go agents that collect, parse, and securely stream server logs.
- Developed a desktop time-tracking agent with real-time synchronization to centralized servers.
- Implemented server hardening, access controls, firewalls, and database protection measures.

Senior Frontend Developer / Frontend Team Lead

Tatweer | 2023 - 2024

Promoted from Senior Frontend Engineer to Frontend Team Lead, with responsibility for frontend architecture, UI/UX standards, and team delivery.

- Built a white-label e-commerce platform using Nuxt.js/Vue.js, with reusable UI components and tenant-specific branding and customization.
- Led UI/UX and frontend development for an Advanced Metering Infrastructure (AMI) platform, presenting grid analytics and real-time electricity consumption data.
- Developed responsive interfaces and real-time data visualizations for an election observer platform.
- Delivered ERP interfaces for accounting, inventory, and point-of-sale workflows, plus document archiving and customs management applications.

PROFESSIONAL EXPERIENCE CONTINUED

Freelance Software Engineer & Technical Consultant

Independent | 2018 - Present

Deliver application design, full-stack development, deployment, and technical consulting for clients across retail, hospitality, property management, and other sectors.

- Developed residential complex management systems for tenant billing, maintenance requests, and community administration.
- Built multi-tenant restaurant QR menu platforms, e-commerce stores, and e-book marketplaces with digital delivery and role-based access.
- Created inventory and double-entry accounting systems, along with pharmacy applications featuring expiry alerts and batch tracking.
- Developed security assessment and automation tools for reconnaissance, log monitoring, and vulnerability scanning.

TECHNICAL SKILLS

Architecture & Leadership: System design, multi-tenancy, technical team leadership, code reviews, developer mentoring, Agile/Scrum.

Frontend: Vue.js, Nuxt.js, React, TypeScript, JavaScript, Tailwind CSS, HTML/CSS.

Backend: Go (Gin), PHP (Laravel), Node.js (NestJS), Python (Django).

Data & Integration: PostgreSQL, TimescaleDB, MySQL, Redis, database optimization, REST APIs, WebSockets, microservices, payment integrations.

Infrastructure & Security: Docker, CI/CD, Linux administration, cloud infrastructure, server hardening, SIEM, vulnerability assessment, shell scripting.

Product Design: Figma, UI/UX design, wireframing, prototyping, design systems.

AWARDS

1st Place - Earthlink Cyber Security CTF

Solved challenges in web exploitation, reverse engineering, and cryptography. Challenge write-ups available on GitHub.

3rd Place - National Cyber Security Forum CTF

Team award at an on-site competition held at the University of Sulaimani in February 2025, involving vulnerability identification and exploitation challenges.

EDUCATION

Bachelor of Science in Computer Science

University of Technology, Iraq | 2020 - 2024

Specialization: Computer Networks.

LANGUAGES

Arabic: Native | **English:** Full professional proficiency