

Amjad Alshalabi

Full Stack Engineer

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Summary

Full Stack Engineer and Product Architect with a proven track record of owning product delivery from zero to production across government portals, SaaS platforms, and enterprise ERP systems. Built systems at real scale: a pilgrim services portal serving **100,000+ users**, an LMS platform with **15,000+ active learners**, and telecom services running against **tens of millions of records**. Brings a performance engineering mindset across the full stack -from modern component-driven UI architecture to database partitioning, indexing, and query optimization on mission-critical systems. A trusted collaborator across design, product, and backend teams with a consistent focus on maintainable, performant code that delivers measurable business impact.

Work Experience

Full Stack Engineer (Frontend-Led)

2024-11-01 - Present

MAPLIT Company – Sharjah, UAE

End-to-end ownership of frontend and backend systems across multiple enterprise client projects - leading UI development with Vue.js and React.js while supporting backend architecture in ASP.NET and Odoo.

- Developed and maintained responsive, pixel-perfect UI components using Vue.js and React.js - delivering consistent, cross-browser compatible interfaces across multiple enterprise applications.
- Refactored legacy frontend modules into a modern React.js component-based architecture, improving reusability, maintainability, and page load performance.
- Built dynamic, data-driven views and interactive workflows using Vue 3 Composition API and Pinia for scalable state management.
- Collaborated directly with UI/UX designers to translate wireframes and Figma designs into production-ready, accessible components.
- Integrated REST APIs and third-party services from the frontend - managing async data flows, error handling, loading states, and optimistic UI patterns.
- Implemented authentication and authorization flows, including JWT-based auth and role-based access control (RBAC) across client portals.
- Designed and maintained backend workflows using ASP.NET and Odoo ERP, built Oracle and SQL Server schemas, and authored stored procedures supporting frontend data requirements.
- Gathered and analyzed client requirements; participated in Agile/Scrum ceremonies including sprint planning, estimation, stakeholder demos, and retrospectives.
- Delivered feature enhancements and system improvements across multiple codebases in response to ongoing stakeholder feedback.

Key Projects:

1. **Rawaf Mina Portal & Website (Vue.js, ASP.NET):** Redesigned and enhanced the pilgrim services portal and public website for Saudi Arabia - rebuilt frontend from scratch with improved UX flows, responsive

layouts, and new feature modules for smoother digital operations. The portal serves **100,000+ pilgrims and 4,000+ internal staff**, supporting high-concurrency usage during Hajj season and reducing navigational friction across critical service flows.

2. **Purchase & Inventory System** (*Odoo ERP, SQL Server, React.js*): Developed Odoo ERP modules for Sharjah Police covering purchase orders and inventory management - frontend views, backend logic, and reporting dashboards to streamline internal procurement.
3. **RSB Dubai Portal** (*JS, HTML, Bootstrap, Razor, ASP.NET, Umbraco, SharePoint, Power Automate*): Built the full RSB Dubai website and portal from scratch - owned frontend implementation with Razor views, integrated Umbraco CMS, and connected backend workflows through SharePoint and Power Automate. Unified **3+ enterprise systems** into a single workflow, reducing manual content and approval process overhead significantly.
4. **Musanada ERP** (*Vue.js, Odoo, ASP.net*): Improved and extended HR, payroll, budgeting, and reporting modules - enhancing UI components and optimizing backend logic to boost cross-departmental operational efficiency.
5. **PDF Viewer Application** (*React.js, ASP.net*): Developed a feature-rich PDF viewer with advanced document manipulation capabilities - page navigation, zoom, and annotations -improving enterprise document management efficiency.
6. **AMC System** (*React.js, Odoo, REST API*): Built the full AMC System from scratch - designed the *React.js* frontend, integrated with Odoo backend via REST APIs, improving procurement workflows and reducing manual administrative overhead.
7. **Feature Enhancements** (*Vue.js, React.js, ASP.NET*): Implemented new functionalities and extended existing systems across multiple client projects - optimizing frontend workflows, improving UI performance, and enhancing user experience based on stakeholder feedback.

Senior Front End Developer

2023-09-01 - 2025-01-01

Misraj Technology – Al Khobar, Saudi Arabia

Led frontend engineering across multiple SaaS platforms as the primary React.js engineer - owning architecture, component design, API integration, and sprint delivery end-to-end.

- Architected and built the complete frontend of Eqraa LMS from scratch using React.js and TypeScript - dashboards, classroom automation, learner management, and notification flows - serving thousands of active users.
- Built reusable, accessible UI component libraries used consistently across multiple product surfaces, accelerating feature delivery velocity across the team.
- Integrated Elasticsearch with AI-powered backend modules on the Ftawy platform, improving search accuracy and intelligent content delivery.
- Resolved critical UI stability issues on Qubaa Platform - diagnosing state management bugs and implementing performance improvements that reduced load times and improved user retention.
- Collaborated closely with backend teams on API contracts and data flows to ensure seamless frontend-backend integration across all platforms.
- Aligned interfaces with accessibility (WCAG) and usability standards in collaboration with UX designers across all product surfaces.
- Led sprint planning, estimation, and feature delivery as the primary frontend contributor - mentoring junior developers on React.js patterns and best practices.

Key Projects:

1. **Eqraa LMS** (*React.js, TypeScript, REST API*): Main Frontend Engineer - built the entire learning management system from scratch, delivering rich learner dashboards, classroom automation tooling,

instructor panels, and real-time notification flows. The platform serves **15,000+ active learners and educators** across the region, with the full frontend delivered independently from zero.

2. **Qubaa Platform** (*React.js, TypeScript*): Implemented new UI features and integrated Elasticsearch with AI modules to power intelligent, context-aware religious guidance search and content delivery.
3. **Ftawy AI Platform** (*React.js, Elasticsearch, AI Integration*): Delivered ongoing feature development, UI enhancements, bug fixes, and performance optimizations to improve platform usability, stability, and user engagement.

Software Engineer

2021-05-01 - 2023-08-31

Syriatel Mobile Telecom – Damascus, Syria

Enterprise software engineering in a high-availability telecom environment - backend systems, monitoring dashboards, API development, and system automation at scale.

- Diagnosed and resolved critical performance bottlenecks across database tables containing **10M+ records** - implementing table partitioning and targeted indexing strategies that reduced query execution times by an estimated **~50-60%**, directly improving reliability of customer-facing telecom services.
- Built complex SQL logic and automated daily jobs to streamline data handling and reduce manual processes.
- Built monitoring dashboards and alert mechanisms enabling real-time visibility into system health — identifying and isolating slow or failing queries across high-volume tables before escalation into service outages, reducing average incident detection time by an estimated **~30-40%**.
- Enhanced and stabilized multiple enterprise telecom services running against **tens of millions of records** - applying partitioning, indexing, and query rewriting techniques that transformed previously unstable services into reliable, performant production systems.
- Automated **10+ daily PL/SQL batch jobs** for data processing and reporting - eliminating manual overhead and ensuring consistent, accurate data delivery across operations and partner-facing systems.
- Designed and developed enterprise applications using Java, Linux, and PL/SQL, improving system reliability and maintainability.
- Built and documented APIs for external partner integrations, expanding platform interoperability.
- Developed internal monitoring dashboards using React.js and JavaScript to visualize real-time network data, system health metrics, and alert statuses - improving incident response visibility across operations teams.

Full Stack Developer (Freelance)

2020-08-01 - 2021-08-31

Self-Employed, Damascus, Syria

Delivered client web projects independently - covering full frontend and backend development, UI implementation, and third-party integrations.

- Delivered responsive websites and web applications built with React.js and Vue.js - migrating legacy codebases to modern JavaScript frameworks for improved performance and maintainability.
- Translated client UI/UX designs into functional, interactive frontend interfaces with attention to responsiveness and cross-browser compatibility.
- Integrated backend APIs and third-party services to support dynamic content, user authentication, and real-time data display.
- Built and customized WordPress and Joomla sites, including custom theme development and plugin integration.

Education

Bachelor of Information Technology Engineering
Damascus University, Syria

2021-01-01
Grade: 71%

Technical Skills

- Front-End: React.js (v18, Hooks, Router, Redux Toolkit, React Query), Vue.js (v3, Composition API, Pinia), Next.js, Nuxt.js JavaScript (ES6+), TypeScript, HTML5, CSS3, SASS/SCSS
- Styling: Tailwind CSS, Bootstrap, Responsive Design, Accessibility (WCAG), Design Systems
- State: Redux Toolkit, Context API, React Query, Pinia, Vuex
- Back-End: ASP.NET Core, Node.js, NestJS, Python, Odoo ERP, REST APIs, GraphQL JWT, OAuth 2.0, OpenID Connect, Role-Based Access Control (RBAC), Session Management
- Database: SQL Server, Oracle, PostgreSQL, PL/SQL, Firebase
- Tooling: Git, Docker, CI/CD, Linux, Postman, Notion, Nginx (basic)
- Testing: Jest, React Testing Library, TDD, Unit & Integration Testing
- CMS & Integration: Umbraco, WordPress, Joomla, SharePoint, Power Automate, Elasticsearch
- Methods: Agile / Scrum, Sprint Planning, Code Review, Technical Documentation
- Architecture: Microservices, Distributed Systems, DDD (Domain-Driven Design), CQRS, SOLID Principles, Clean Code, DRY, KISS
- Auth: JWT, OAuth 2.0, OpenID Connect, Role-Based Access Control (RBAC), Session Management, Secure API Practices

Languages

Arabic

Native

English

Proficient