

Saba Abbasi

Senior Software Engineer

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Summary

Senior Software Engineer with 3+ years of experience designing and scaling backend systems for fintech, streaming platforms, and government solutions. Strong expertise in ASP.NET Core, distributed systems, and high-performance databases (Oracle, SQL Server, PostgreSQL). Led architecture-heavy initiatives including large-scale CMS platforms and media processing pipelines. Regularly trusted with system design decisions, mentoring engineers, and translating business requirements into resilient technical solutions. Seeking high-impact, high-compensation roles with a clear growth path toward Principal Engineer or Software Architect positions in Europe.

EU BlueCard eligible, supported by German NGO Imagine Foundation (Germany-based NGO offering career coaching and integration support for international talent).

Technical Skills

Languages	C#, SQL, PL/SQL, JavaScript, Java
Frameworks	ASP.NET Core, Vue.js, React Js
Databases	Oracle, SQL Server, PostgreSQL, MySQL, Elasticsearch, Redis
Architecture	Microservices, Distributed Systems, Event-Driven Architecture, Domain-Driven Design, Caching Strategies, Performance Optimization, Release Planning, Roadmap Ownership, System Design
DevOps	Docker, CI/CD Pipelines, Containerization, Windows Server, Linux (Arch, RedHat, AWS Linux)
Methodologies	Agile/Scrum, Kanban, Release Planning, Pair Programming
Other	REST & SOAP APIs, System Integration, Authentication Protocols, Technical Documentation, Requirement Analysis, Media Processing Pipelines, Resumable Uploads (TUS), Stakeholder Communication

Soft Skills

Remote-first communication, Asynchronous collaboration, Technical writing, Stakeholder communication, Cross-team coordination, Mentoring, Ownership mindset, Proactive problem solving, Presenting, Leadership, Time management

Professional Experience

- Jan 2025 – Present **Senior Software Engineer, Asl Al-Uroba, Baghdad, Iraq**
- Architect and deliver the core of a large-scale CMS for a streaming platform using ASP.NET Core and distributed services.
 - Design and implement advanced caching strategies, improving response times, and reducing backend load.
 - Design and implement a scalable media transcoding pipeline optimizing processing workflows and cost.
 - Own a system design decisions and coordinated CMS release cycles and roadmap sequencing.
 - Deliver an enterprise-grade platform under tight timelines, resulting in measurable cost savings.

- Mar 2024 – **Software Engineer**, *Creative Advanced Technologies*, Baghdad, Iraq
- Jan 2025
- Engineered scalable backend services for high-volume media delivery supporting concurrent users using ASP.NET Core and PostgreSQL.
 - Built and maintained CI/CD pipelines and release processes, ensuring high availability during production launches.
 - Introduced performance monitoring and profiling, resolving critical bottlenecks and improving system stability.
 - Architected a microservices-based middleware layer modernizing legacy systems and significantly improving response times.
- Regional Architect**, *NewLake Technologies*, Baghdad, Iraq
- Led end-to-end consultancy for a Ministry of Interior solution, from requirements gathering to production deployment.
 - Authored SRS, PoC, SDD, and implementation plans aligned with government and security standards.
 - Guided a development team through the full lifecycle, providing architectural direction and technical governance.
 - Implemented enterprise-grade security protocols and system integrations for sensitive government environments.
- Jan 2023 – **Full Stack Developer**, *Arab Payment Services*, Baghdad, Iraq
- May 2024
- Engineered multi-format payment processing systems compatible with diverse banking infrastructures using C#, SQL Server, and Oracle.
 - Modernized a mission-critical legacy financial system, improving reliability and performance.
 - Developed advanced SQL reporting modules for settlements, reconciliations, and transaction analytics.
 - Designed a biometric authentication microservice (facial recognition) to meet Central Bank compliance requirements.
 - Translated complex financial and regulatory business rules into deterministic technical implementations, often working independently.
- Aug 2022 – **Software Developer / Trainer**, *Computiq*, Baghdad, Iraq
- Mar 2023
- Delivered full-stack development training for working professionals (beginner to mid-level).
 - Mentored participants on end-to-end project planning, implementation, and technical decision-making.
 - Reviewed projects and provided structured feedback on architecture, UI basics, and code quality.

Education

- 2018 – 2022 **BSc in Control and Systems Engineering**, *University of Technology*, Iraq
- 2025 – **MSc Computing & Information Systems**, *Liverpool John Moores University*, UK – Online
- Present
- 2026 – **MBA**, *Quantic School of Business & Technology*, US – Online
- Present

Selected Projects

Manasaty – Web Platform, *Backend Engineer*, Freelance

- Designed backend architecture using wildcard subdomains to route user-specific URLs to a unified server.
- Implemented dynamic content resolution and data retrieval per tenant, enabling scalable multi-tenant delivery.
- Improved extensibility of user pages while maintaining centralized infrastructure and deployment.

9ar Store – Web Platform, *Full Stack Engineer*, Freelance

- Reduced development time for configuration features by automating creation of 20+ admin screens.
- Improved maintainability of configuration-heavy modules through metadata-driven architecture.

Baghdad Transit Lab – Mobile Application, *Backend Engineer*, Freelance

- Built backend services supporting real-time public transportation tracking.
- Supported scalable data ingestion for transportation events and user queries.

Languages

- Arabic Native
- English Professional Working Proficiency (IELTS Academic 7.5)