

SHAMEL SALLOUM

Senior MEAN & MERN Stack Developer | Angular · React · Node.js · Express · MongoDB

+963 931 808 444 | salloumshamel17@gmail.com | [linkedin.com/in/shamel-salloum](https://www.linkedin.com/in/shamel-salloum)

Syria | Remote · On-site · Hybrid

PROFESSIONAL SUMMARY

Full-Stack Developer with 5 years of experience building enterprise-grade web applications across the MEAN and MERN stacks. Have worked on mission-critical platforms for government, banking, and public-sector clients. Specialized in Angular and React for complex, high-performance frontends, and in Node.js with Express for scalable and secure backend services and microservices, with significant production experience using MongoDB. Consistent record of measurable impact through improving application performance, cutting build times, refactoring legacy code, and building AI agent integration through a custom MCP (Model Context Protocol) server. Comfortable mentoring developers and owning systems end to end in fully remote teams.

TECHNICAL SKILLS

Programming Languages: JavaScript, TypeScript, Java, SQL, HTML, and CSS.

Frontend Frameworks and Libraries: Angular (with RxJS, NgRx, NGXS, lazy loading, dynamic form and grid builders, and reusable component libraries), React (including a React 16 to 19 legacy upgrade, and Redux), Next.js, Tailwind CSS, and Bootstrap.

Backend Frameworks: Node.js, Express, Nest.js, and Spring Boot. Also REST API design, microservice architecture, job queuing, authentication and access control, and secure endpoint design.

Databases: MongoDB in production, MySQL, and star-schema analytics. Comfortable with SQL and schema design.

AI Integration: Model Context Protocol (MCP) server development, LLM agent integration, and structured documentation ingestion for AI consumption.

Performance Optimization: Bundle size reduction, lazy loaded routes and libraries, code splitting by component, render-time optimization, and build-pipeline optimization.

DevOps and Infrastructure: Docker, CI/CD pipelines, RabbitMQ (for job queuing and service-to-service messaging), test automation, and Git (GitHub, GitLab, Bitbucket).

Methodologies and Soft Skills: Agile, Scrum, microservices, UI/UX awareness, problem solving, teamwork, and technical mentoring.

PROFESSIONAL EXPERIENCE

Node.js Full-Stack Developer at *Medicus.ai*

Jun 2025 to Present

- **Improved application performance by around 40%** through a full frontend refactor. This included lazy loading routes and libraries, code splitting by component, reducing bundle size, and optimizing render time, which improved both initial load and runtime performance.
- **Reduced legacy application build time by 50%**, going from 24 minutes down to 12, by re-engineering the build pipeline.
- **Upgraded a legacy React codebase from React 16 to React 19.** Handled breaking changes across three major versions while keeping the application shippable throughout the whole migration.
- **Architected a scalable PDF Generator microservice** using Node.js and Express, with templating, job queuing, and role-based access controls. It exposes secure REST endpoints that are reused heavily across multiple internal services.
- **Built a Service Documentation Platform** with an **Angular frontend** and a **Node.js and MongoDB** backend. It is designed for both human developers and AI agents, and other services publish their **.md documentation through the CI/CD pipeline** so it gets ingested automatically. The platform is built and ready for deployment.
- **Developed a custom MCP (Model Context Protocol) server** on top of the documentation platform so AI agents can query internal service documentation programmatically. Real hands-on experience connecting backend systems to LLM-based agents.

- **Owned end-to-end delivery of Viro, a Lab Management platform for health labs, from A to Z.** Architected and shipped the full React frontend across multiple modules, including Patient Report Management for the secure generation, rendering, and delivery of patient reports, along with UI, state management, component architecture, and integration with supporting services.
- Developed the frontend interfaces for Smart Wellbeing engagement and coaching flows, and wrote the supporting Express APIs, test automation, and CI hooks. Also participated in Agile and Scrum ceremonies.

Frontend Developer at *Smart Software Solutions, Qatar*

Jun 2022 to Jun 2025

- Built and maintained mission-critical Angular applications for government, banking, and enterprise clients. Worked with Angular, TypeScript, and Node.js-based tooling, and integrated with complex, secure backend systems.
- **Engineered the in-house Angular Core Libraries.** These included dynamic form and grid builders, reusable shared components, and utility tools built with RxJS, NgRx, NGXS, and Lodash, which accelerated delivery across teams and product lines.
- **Government and public-sector work.** Worked on **Maktoob** (a Correspondence Management System with IBM FileNet integration) and the full **Fatora Suite** covering Billing, Tax, and Panel operations.
- **Banking and enterprise work.** Delivered the **SIIB Loyalty System** for Syria International Islamic Bank, **Smart Archive** (an Archive System), **Reserva** (a Reservation System), and **Orgnaizo** (an organizational management platform).

Programming Instructor at *Merit Center for Engineering and Training (MCET)*

Jan 2023 to Nov 2024

- Taught core programming concepts to diverse student groups, including OOP, coding standards, data structures, and the Flutter framework.
- Led 1 to 3 technical sessions each week, helping students strengthen their problem solving and coding skills.

SELECTED PROJECTS

Talentro, Freelancing Marketplace (Graduation Project)

2024

Angular (NgRx), Spring Boot, RabbitMQ

- Designed and implemented a freelancing marketplace built on a microservices architecture. Built the Angular frontend with real-time chat, AI-driven job recommendations, and integrated payment flows.

Loop Cafe, Full-Stack Cafe Management

2025

Next.js, Express, MySQL. www.loopcafe.net

- Engineered a complete full-stack solution featuring a customer ordering menu and an administrator dashboard.
- Applied advanced caching strategies at the Express API layer, which significantly improved response times and reduced database load.

Al-Kheir Trading and Contracting, Marketing Website

2025

Next.js, Strapi CMS, Tailwind CSS. www.alkheirco.com/en

- Built a dynamic marketing platform in Next.js integrated with Strapi as a headless CMS. This let non-technical teams manage content on their own, with pixel-perfect responsive design in Tailwind CSS.

EDUCATION

B.Sc. Information Technology Engineering, Software Engineering. Arab International University.

GPA 3.1 out of 4.0 (82%). *Ranked among the top 10 students of the cohort for two semesters.*

LANGUAGES

Arabic (Native). **English** (Advanced).

VOLUNTEERING

Syrian Arab Red Crescent. Volunteer from 2020 to 2022 and again from 2024 to present. Warehouse Coordinator from 2022 to 2023.

- Managed inventory and logistics for the relief department, helping the timely distribution of humanitarian supplies.
- Supported community outreach projects and improved operational efficiency by helping with logistics.

References available upon request.