

WESAM KAHWAJI

Senior Software Engineer | Mobile Engineering Lead | Project Manager

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Senior Software Engineer and Technical Lead with 6+ years of experience delivering scalable mobile, web, and back-end solutions. Strong expertise in Flutter and Dart, with additional experience in Node.js, React, APIs, databases, cloud services, and system integration.

Currently responsible for the end-to-end development of the ShopChat platform while leading back-end delivery, supervising front-end implementation, and coordinating cross-functional execution. Combines hands-on full-stack engineering with software architecture, technical planning, project management, and team leadership.

CORE COMPETENCIES

Mobile Engineering: Flutter, Dart, BLoC, Clean Architecture, modular architecture, dependency injection, responsive UI, deep linking, push notifications, Firebase, performance optimization

Architecture & Delivery: System design, REST API integration, API contracts, state management, code reviews, release planning, technical documentation, debugging, testing, Agile delivery

Back-End & Web: Node.js, Express.js, RESTful APIs, WebSockets, PHP, Laravel, React.js, HTML, CSS, JavaScript

Data & Tools: MongoDB, MySQL, SQL, SQLite, Git, GitLab, AWS fundamentals, Firebase, JSON, UML, design patterns

Leadership: Project management, sprint planning, requirements analysis, task breakdown, cross-functional coordination, mentoring, stakeholder communication, risk and dependency management

PROFESSIONAL EXPERIENCE

Senior Flutter Engineer & Project Manager

Apr 2025 - Present

ShopChat Portal | Dubai, UAE

- Serve as the primary engineer responsible for the end-to-end development, architecture, release, and ongoing improvement of ShopChat's customer-facing Flutter application.
- Lead cross-functional project execution across mobile, back-end, front-end, and UI/UX workstreams; translate business requirements into technical plans, priorities, API contracts, and delivery milestones.
- Designed and evolved a scalable feature-based Clean Architecture using BLoC, dependency injection, modular boundaries, and structured data/domain/presentation layers.
- Delivered and coordinated complex marketplace capabilities including onboarding, authentication, product discovery, seller experiences, cart and checkout, payments, wallets, order management, logistics, notifications, chat, analytics, and deep links.
- Guide back-end implementation and supervise front-end delivery through solution reviews, dependency management, acceptance criteria, technical troubleshooting, and release readiness checks.
- Established engineering practices for maintainability, code review, environment configuration, production issue resolution, performance, application stability, and secure third-party integrations.

Flutter Software Engineer

Aug 2024 - Mar 2025

Droob Company | Dubai, UAE

- Developed and maintained a multi-service Flutter Super App covering home services, food delivery, car rental, taxi booking, and holiday-home experiences.
- Built reusable, modular, and scalable Flutter components to support consistent user journeys across multiple service domains.
- Collaborated with back-end engineers to refine API contracts, resolve integration issues, and improve real-time application behavior.
- Applied structured state management, security practices, performance optimization, and disciplined debugging to improve product quality and maintainability.

Software Engineer - Flutter, Node.js & React

Apr 2023 - Jul 2024

SII Media Company | Dubai, UAE

- Developed cross-platform mobile functionality using Flutter and Dart, integrating applications with RESTful services and external platforms.
- Implemented and maintained back-end services using Node.js and contributed to web interfaces using React.js.
- Evaluated tools and technical approaches, resolved application issues, and collaborated across the stack to support product and company objectives.

Back-End Engineer - Node.js

Jun 2022 - Feb 2023

Mega Company | UAE - Remote

- Developed and maintained Node.js services, reusable libraries, and core product components using structured architectural and design patterns.
- Analyzed existing code and development workflows, identified technical improvements, and implemented more reliable and maintainable solutions.
- Designed RESTful functionality, resolved production defects, and collaborated with product and engineering stakeholders to improve user-facing services.

PHP Developer - Laravel

Nov 2021 - May 2022

UNIFI Solutions Company | UAE - Remote

- Developed and maintained Laravel web applications following MVC architecture and clean separation of concerns.
- Designed RESTful APIs and third-party integrations, and implemented MySQL database structures and optimized queries for efficient retrieval.

Flutter Mobile Application Developer

Nov 2020 - Nov 2021

UNIFI Solutions Company | UAE - Remote

- Built and maintained Flutter applications using REST APIs, Firebase, Clean Architecture, and organized reusable code.
- Investigated defects, reproduced failures, implemented fixes, and improved application reliability through structured debugging and testing.

Flutter Mobile Application Developer

Sep 2019 - Sep 2020

Rawabit Company | Syria

- Developed Flutter-based mobile application features and integrated user interfaces with application services and APIs.
- Resolved defects by analyzing bug reports, reproducing failures, and delivering tested corrective changes.

EDUCATION

Bachelor of Engineering in Software Engineering and Information Systems

Sep 2017 - Feb 2022

Faculty of Informatics Engineering | Latakia, Syria

LANGUAGES

Arabic - Native or bilingual proficiency | **English** - Full professional proficiency

SELECTED TECHNICAL PROJECTS

AI Image Generation Platform: Full-stack MERN application implementing prompt-based AI image-generation workflows and reusable media-generation features.

E-Commerce Platform: Node.js, Express, MongoDB, Stripe, and SendGrid solution with authentication, product management, cart, checkout, orders, pagination, validation, and file handling.

Real-Time Chat Application: Real-time messaging application built with Node.js, Express, Socket.IO, WebSockets, and a custom web interface.