

MOHAMMAD JAHANGIR

Full Stack Software Engineer | Web & Mobile Applications

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PROFESSIONAL SUMMARY

Full Stack Software Engineer with 4+ years of experience designing, building, and shipping enterprise-grade web and mobile products across React, React Native, Node.js/NestJS, and cloud infrastructure. Founder of a software development agency delivering multiple live SaaS platforms, mobile apps, and consumer products end-to-end — from architecture and backend systems through to launch on the App Store and Google Play. Concurrently coordinates technical delivery on a large-scale data-center infrastructure program, bridging engineering, documentation, and cross-functional teams. Comfortable owning a product from concept through production: system design, multi-tenant architecture, authentication, payments, AI/ML integration, and DevOps.

CORE SKILLS

Languages/Frameworks: JavaScript, TypeScript, Node.js, Express.js, NestJS, React, React Native, Next.js, Redux (Thunk & Saga), React Query

Data: MongoDB, MySQL, PostgreSQL, Prisma, Redis, Firebase, Sequelize

Architecture: REST API, GraphQL, Microservices, System Design, Multi-Tier Architecture, Design Patterns, OOP, DSA

Auth & Security: Authentication & Authorization, JWT, OAuth, Passport, Firebase Auth, Rate Limiting

Cloud/DevOps: Docker, Kubernetes, CI/CD (GitHub Actions, Jenkins), Nginx, Load Balancers, AWS (EC2, S3, CDN, EKS), Google Cloud Platform

Real-time/AI: WebRTC, WebSockets, Polling, BullMQ, Cronjobs, Stripe & Payment Gateways, OCR, Computer Vision (YOLOv8, InsightFace)

Testing: Jest, Cypress, Mocha, Unit/Integration/E2E Testing

Delivery: Project Coordination, Technical Documentation, Agile (Jira, Trello), Cross-functional Team Leadership

Languages: English, Urdu, Punjabi

KEY PROJECTS

Opperiq — Workforce Management & Field Operations Platform

Multi-tenant SaaS | React, React Native, NestJS, PostgreSQL, Prisma, Redis, BullMQ

- End-to-end multi-tenant SaaS platform plus companion React Native mobile app for field-operations teams, covering employee/manager management, attendance, live GPS tracking, geofencing, task and workflow management, shift scheduling, fleet and vehicle maintenance, finance, payroll, and role-based dashboards.
- Built an AI-powered face/selfie verification service (YOLOv8, InsightFace) with model caching for secure employee attendance and identity verification within the mobile app.
- Developed OCR-based receipt processing to automate expense and financial data extraction directly into the platform's finance workflows.

Kafoo (kafoo.vip)

NOVIQ Solutions Product | React Native, React, Bilingual (AR/EN) SaaS

- Invoice-verified customer loyalty and rewards platform for retail and restaurants in Saudi Arabia — customers scan the ZATCA-compliant QR code on their tax invoice and automatically earn points or stamps, with no POS integration, cards, or cashier changes required.
- Built core product features including automatic tier upgrades, duplicate/expired-invoice fraud protection, multi-branch and multi-employee role-based access, and an open API with webhooks for POS/system integrations.

- Redesigned partner points-card and rewards screens and rebuilt the React Native dashboard header with premium visual effects; diagnosed and fixed an iOS-specific Arabic text rendering bug (CoreText font fallback) affecting bilingual UI.
- Implemented a phased rollout of a large client change-request backlog, prioritizing and shipping features iteratively.

NAQRH — WhatsApp CRM & Automation Platform

Node.js, Express, MongoDB, Mongoose, Twilio, Cloudinary, React

- Built a WhatsApp-based CRM platform enabling businesses to connect via QR code and manage customers, feedback, promotions, and digital menus/offers directly through WhatsApp.
- Implemented CRM tracking and role-based dashboards for business owners and staff to monitor customer engagement and campaign performance.

Top Influencers Content (topinfluencerscontent.com)

Web Platform + iOS/Android App | Arabic-market Content Rating Platform

- Built an Arabic-language community platform for rating influencer content weekly across Snapchat, TikTok, YouTube, Instagram, and X, with country and platform filtering.
- Implemented a login-free thumbs-up/thumbs-down voting system with weekly leaderboards, favorites, recently-added content, personalized recommendations, and community-submitted content.
- Shipped companion iOS and Android apps alongside the marketing/web platform, live on the App Store and Google Play.

NavGo (navgo.sa)

Web Platform + Mobile App | Ride-Hailing Aggregator

- Built a ride-aggregator app that lets users compare and book rides across multiple providers (including Uber and Careem) by price, distance, and availability in one interface.
- Implemented a referral and loyalty points system, dark mode, and 24/7 in-app support flows to improve retention and user experience.
- Developed the marketing website and app landing experience alongside the core booking product.

Project Management & Collaboration Platform

In development — task/workflow tracking, team communication, tenant-specific API integrations

- Designing a JIRA/Slack-style project management platform with tasks, workflows, teams, and tenant-specific API key integrations.

Skin Mentor — Final Year Project

2nd Position, Career Expo | React, Node.js, Firebase, WebRTC, Stripe

- Full-stack e-commerce and admin web/mobile application for skin disease detection, integrated with deep learning models, Firebase real-time notifications, WebRTC video consultations, and Stripe payments.

Client Corporate & Product Websites

NoviqSolutions, Prime Emar, AFG Contracting

- Delivered SEO-optimized corporate and product websites with structured data, Arabic-language content, and service catalogs for clients in data-center/MEP contracting.

PROFESSIONAL EXPERIENCE

Founder

June 2025 – Present

NOVIQ Solutions — Software Development Agency | Remote

- Co-founded NOVIQ Solutions, a software development agency, as one of three equal partners (50% ownership), delivering full-stack web and mobile products to clients across MEP/data-center contracting, retail loyalty, ride-hailing, and the creator economy.
- Directed end-to-end delivery of 6+ concurrent client projects — including Kafoo, NAQRH, NavGo, and Top Influencers Content — owning scoping, technical architecture, development, deployment, and client communication.
- Built and shipped corporate and product web platforms (NoviqSolutions, Prime Emar, AFG Contracting) with SEO-first architecture, structured data (JSON-LD), and Google Search Console integration.

- Managed client relationships, technical proposals, staffing across the 3-person team, and delivery timelines across the agency's full project portfolio.

Software Engineer & Project Coordinator

October 2024 – Present

Muhammad Mansour Alrumaiah Trading Co. (MMR) — Riyadh, Saudi Arabia — Alinma Bank Data Center Tier IV Project

- Designed and developed enterprise-level mobile applications using React Native, Node.js, Express.js, Firebase, MySQL, MongoDB, and Next.js, serving thousands of users daily.
- Since April 2025, additionally serving as Project Coordinator on the Alinma Bank Data Center Tier IV project — coordinating technical deliverables and documentation across engineering, subcontractor, and client teams, and tracking contractual milestones and correspondence.
- Built internal automation tools for construction project workflows, including AI-assisted document classification and routing (Aconex & SharePoint integration), automated extraction of review comments from technical submittals (MIR/WIR) into structured Excel reports, and log-reconciliation tooling to detect and sync missing project records.
- Implemented scalable and secure REST APIs, integrating backend systems with real-time functionality across platforms.
- Managed end-to-end product lifecycles, including requirement gathering, sprint planning, agile development, testing, deployment, and post-production support.
- Integrated CI/CD pipelines with GitHub Actions and Jenkins, enabling automated testing and reliable deployments.
- Optimized DevOps practices using Docker for containerization, Nginx for server management, and deployed scalable systems on AWS and Google Cloud Platform.
- Implemented robust authentication systems with Firebase Authentication and JWT, ensuring secure data handling and transactions.
- Performed code reviews, unit testing, integration testing, and performance profiling to maintain code quality and system stability.
- Trained and deployed machine learning models, designing end-to-end pipelines for preprocessing, feature engineering, and model serving using Flask and FastAPI.
- Monitored and analyzed application metrics using Firebase Crashlytics and Google Analytics to proactively resolve issues.

Associate Software Engineer

May 2023 – July 2024

NitensClue — Faisalabad, Pakistan

- Spearheaded development of 5+ cross-platform mobile applications using React Native, React, Next.js, JavaScript, and TypeScript, achieving 95% user satisfaction.
- Built and deployed scalable serverless solutions with Firebase Functions, enabling real-time data synchronization and 99.9% uptime.
- Designed and implemented RESTful and GraphQL APIs using Node.js, Express.js, and AWS AppSync, supporting applications with 5,000+ active monthly users.
- Optimized API performance, reducing response times by 40% through efficient database indexing and query restructuring.
- Developed web applications with Next.js, achieving fast server-side rendering and improved SEO performance.
- Implemented authentication and authorization mechanisms using Firebase Authentication and JWT to enhance data security.
- Built background workers and CRON jobs for data processing tasks, ensuring high availability and consistent performance.
- Conducted unit, integration, and E2E testing using Jest and Cypress, achieving 99% test coverage.
- Streamlined CI/CD pipelines with GitHub Actions, enabling automated builds, testing, and deployments to production.

Junior React Native Developer

March 2022 – May 2023

Splenify — Islamabad, Pakistan

- Developed and deployed 5+ cross-platform mobile applications using React Native and Expo for Android and iOS, achieving 90% user satisfaction ratings.
- Collaborated with senior developers to design and implement RESTful APIs using Node.js and Express.js, integrating MySQL and MongoDB to support 10,000+ active users.

- Optimized application performance, reducing load times by 35% through efficient code refactoring and performance tuning.
- Integrated Firebase for real-time data synchronization and notifications, ensuring 99.9% uptime.
- Designed and implemented reusable UI components in React Native, improving development efficiency by 25% across multiple projects.
- Improved backend API response times by 30% through database query optimization and RESTful endpoint restructuring.
- Implemented third-party integrations, including payment gateways and social authentication, enhancing app functionality.

EDUCATION

Bachelor of Science, Software Engineering <i>COMSATS University Islamabad — Islamabad, Pakistan</i>	2020 – 2024
Intermediate in Computer Science <i>Cadet College Jhelum — Jhelum, Pakistan</i>	2018 – 2020

CERTIFICATES

- Google Project Management Professional Certificate — Coursera
- DevOps Professional Certificate — Coursera
- Meta React Native Specialization
- Node.js by Meta
- Programming with JavaScript by Meta

ADDITIONAL INFORMATION

- Successfully passed Coursera and LinkedIn Skills Assessments, demonstrating proficiency across web development domains.
- Participated in a university web development contest, showcasing technical skills and commitment to excellence.
- Certified proficient in English by the British Council, ensuring clear communication in international settings.