

MOHAMMED SINAN

Full-Stack Software Engineer | TypeScript · Node.js · NestJS · React

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PROFESSIONAL SUMMARY

Full-Stack Software Engineer with 5+ years of experience building and operating production SaaS products and high-traffic web platforms using TypeScript, Node.js, NestJS, React, and Next.js. Experienced in designing multi-tenant APIs, authentication and authorization systems, background processing, payment integrations, third-party APIs, and cloud infrastructure. Built systems handling 2M+ user predictions, improved application performance by up to 63%, and delivered production services using Docker and CI/CD.

PROFESSIONAL EXPERIENCE

LocalEyes AI — Full-Stack Developer / Lead Backend Engineer

Remote | Jun 2026 – Present

Tech: TypeScript, NestJS, MySQL, BullMQ, Valkey, Stripe, Google APIs, Docker, DigitalOcean

- Architected and developed a multi-tenant NestJS SaaS backend with JWT authentication, RBAC, and IDOR protection, enforcing strict tenant-level data isolation.
- Engineered bidirectional Google Business Profile synchronization using OAuth 2.0, field-mask merging, inbound/outbound synchronization, and webhooks for Google-suggested profile changes.
- Built reliable BullMQ background workers for Google Business Profile synchronization, OAuth processing, billing operations, AI workflows, and other asynchronous jobs.
- Developed a geo-grid local rank tracking system with multi-point SERP scans, historical rankings, weekly tracking, competitor scoring, and ranking-change alerts.
- Implemented an AI-powered GBP audit pipeline using preprocessing, LLM processing, JSON Schema validation, scoring, weighted analysis, and scheduled re-audits.
- Integrated Stripe subscription billing, including Checkout, signed webhooks, idempotent event handling, coupons, subscription management, and per-location plans.
- Owned production background jobs, Docker deployment workflows, CI/CD pipelines, and application deployments to DigitalOcean.
- Improved backend performance and reliability across production services through caching, asynchronous processing, and architecture optimization.

KooraKings — Full-Stack Developer

Optimiza | Remote | Jun 2021 – Present

Tech: Node.js, Sails.js, MySQL, Firebase, Docker, REST APIs

- Built and maintained the Sails.js backend powering KooraKings sports contests and 2M+ user predictions across approximately 180 REST endpoints.
- Designed prediction-processing workflows supporting join/invite functionality, confidence and risk scoring, and SQL-backed leaderboards handling millions of prediction records.
- Developed an FPL-style salary-cap fantasy system supporting budget squads, transfers, free-transfer costing, auto-pick, chips, wildcard, free hit, triple captain, and bench boost functionality.
- Integrated external football data providers to synchronize leagues, fixtures, live scores, teams, and player statistics into MySQL.
- Developed CMS and administrative APIs supporting sports operations, sponsored contests, banners, user targeting, and push notifications.
- Implemented backend functionality for contest management, prediction validation, ranking calculations, and user participation workflows.
- Containerized the backend using Docker for consistent staging and production deployments.

Riyadh Season — Front-End Developer

Optimiza | Contract · Remote | Jun 2021 – Present

Tech: React / JavaScript, HTML, CSS, REST APIs, CMS Integration, Webpack

- Developed and maintained a 30+ page production web platform fully integrated with a content management system.
- Re-engineered legacy frontend code and API integrations, improving overall application performance by approximately 24%.
- Implemented server-side caching and lazy loading strategies to optimize API response handling, resource utilization, and frontend performance.
- Optimized and minified production bundles, reducing deployment pipeline execution time to approximately 34 seconds.
- Designed and implemented a DTO layer to standardize frontend-backend data contracts and simplify future feature integrations.
- Improved maintainability of the frontend architecture by modernizing routing, state handling, API communication, and reusable application components.
- Authored comprehensive technical documentation covering system architecture, API integrations, deployment workflows, and implementation details.

TECHNICAL SKILLS

Languages: TypeScript, JavaScript, Python, SQL

Backend: Node.js, NestJS, Express.js, Sails.js, REST APIs

Frontend: React, Next.js, Astro, Tailwind CSS, Ant Design, Redux Toolkit, React Router, TanStack Query

Databases & Data: MySQL, MariaDB, MongoDB, Supabase, TypeORM, Prisma, Drizzle, Waterline

Infrastructure & Architecture: Redis / Valkey, BullMQ, Firebase, Multi-Tenant SaaS, RBAC, OAuth 2.0, Webhooks

Cloud & DevOps: Docker, AWS, GCP, DigitalOcean, GitHub Actions, Bitbucket Pipelines, CI/CD

Tools & Testing: Git, Jest, Vite, Webpack, Babel

EDUCATION

University of Tikrit

Bachelor of Business Administration | Aug 2026

CERTIFICATIONS

HackerRank — Software Engineer Certification | Mar 2025

hackerrank.com/certificates/82d47e7b38f5

freeCodeCamp — JavaScript Algorithms and Data Structures | Mar 2025

freecodecamp.org/certification/fcc3c73bf9b-a6f3-4c4b-b4e0-173354fc95ad/javascript-algorithms-and-data-structures-v8