

YOUSEF HAMAKI

Senior Backend Engineer | Node.js · PostgreSQL · MongoDB · AWS · SaaS Architecture

Cairo, Egypt • +20 109 493 8462 • yousefhamaki2@gmail.com
linkedin.com/in/yousef-hamaki • yousefhamaki.space

PROFESSIONAL SUMMARY

Backend engineer with 5+ years of experience designing and scaling production systems in Node.js, with deep hands-on work in API design, database performance, and multi-tenant SaaS architecture. Currently leading a backend team, owning systems that process 500K+ monthly transactions at 99.99% uptime. Previously built high-traffic APIs serving 1M+ daily requests for a German telecom provider. Known for turning slow, fragile backends into fast, reliable, and cost-efficient ones — and for building products end-to-end, most recently Buildora, a multi-tenant e-commerce platform.

TECHNICAL SKILLS

Languages: JavaScript (ES6+), TypeScript, SQL

Backend: Node.js, Express.js, REST APIs, GraphQL, WebSockets / Socket.io, JWT & RBAC authentication, rate limiting

Databases: PostgreSQL, MongoDB, query optimization, indexing, schema design, caching strategies

Architecture: Microservices, multi-tenant SaaS, design patterns, OOP

Cloud & DevOps: AWS (EC2, S3, CloudFront), GCP, Docker, GitHub Actions, CI/CD, load testing

PROFESSIONAL EXPERIENCE

Lead Backend Developer | Anspire Agency

May 2023 – Present

New Cairo, Egypt

- Architected and deployed scalable SaaS backends handling 500K+ monthly transactions with 99.99% uptime.
- Designed REST and GraphQL APIs that improved data-retrieval speed by 40%.
- Optimized PostgreSQL and MongoDB queries and indexes, cutting database response times by up to 60%.
- Led a team of 4 backend developers — set code standards, ran code reviews, and mentored juniors.
- Integrated and optimized AWS services, reducing hosting costs by 20%.
- Built CI/CD pipelines with GitHub Actions, reducing deployment time from hours to minutes.

Backend-Focused Full-Stack Developer | Freenet

Oct 2022 – Apr 2023

Remote – Germany

- Rebuilt critical backend modules in Node.js, improving performance and reducing downtime by 30%.
- Migrated services to a microservices architecture, enabling independent deployments and horizontal scaling.
- Built secure API endpoints handling 1M+ daily requests with authentication and rate limiting.
- Ran load testing and performance tuning that increased throughput by 25%.

Backend-Focused Full-Stack Developer | Consulta

Jan 2021 – May 2022

Egypt

- Engineered the backend of a client-management platform using Node.js, Express.js, and PostgreSQL.
- Built real-time messaging over WebSockets for instant client communication, boosting engagement by 35%.
- Designed authentication and authorization with JWT and role-based access control (RBAC).
- Improved query performance by 50% through schema normalization and caching.
- Containerized services with Docker and automated deployments on AWS.

PROJECTS

Buildora | Multi-tenant E-commerce SaaS (Shopify-style)

quickstore.live

- Designing and building a SaaS platform that lets merchants launch their own branded online store in minutes.
- Architected a multi-tenant backend where every store runs on its own subdomain from a single shared codebase, with per-tenant data isolation.
- Built subscription billing and plan management for merchant accounts.
- Stack:** Node.js, MongoDB, AWS.

EDUCATION & CERTIFICATIONS

B.Com. in Accounting — Tanta University

2019 – 2023

- Advanced Full-Stack Web Development — Udacity (2022)
- React Development Cross-Skilling — Udacity (2022)
- Front-End Web Development Professional — Udacity (2021)