ODAY TAREK HANAFI

Full-Stack Developer

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SUMMARY

Full-stack developer with 3+ years of experience designing and implementing scalable digital solutions. Specialized in modern JavaScript ecosystems (MERN & MEVN), microservices, and cloud-native applications. Skilled at building high-performance backends with Node.js, NestJS, and RabbitMQ, and crafting elegant frontends with React and Vue.js. Experienced in GCP deployments, CI/CD optimization, and system performance improvements.

AREA OF EXPERTISE

• Backend Development (NestJS, Node.js, Microservices, RabbitMQ)

• Frontend Development (vue, Nuxt, React, Redux, JavaScript, TypeScript)

• Cloud & DevOps (Google Cloud Platform, Docker, Nginx, CI/CD)

• Databases (PostgreSQL, MongoDB, Redis)

• Event-Driven & Real-Time Systems (Socket.io, WebSockets)

KEY ACHIEVEMENTS

• Performance Optimization: Reduced API latency by introducing Redis caching and query optimization.

• Scalable Architectures: Designed microservices with RabbitMQ to handle asynchronous workflows at scale.

• Cloud Deployment: Deployed and managed containerized applications on GCP with Kubernetes for auto-scaling.

• Team Standards: Implemented Git Conventional Commits, improving collaboration and release management.

PROFESSIONAL EXPERIENCE

Full-Stack Developer – Mantaray Digital Solutions

Dec 2024 – Present

• Architected microservices using NestJS and RabbitMQ.

• Managed GCP deployments ensuring scalability and security.

• Reduced API response times with Redis caching.

• Enforced Git workflows and semantic versioning across teams.

PROJECTS

MoneyManager – Personal Finance App (NestJS, PostgreSQL, TypeORM, GCP, Socket.io)

• Built finance tracking system with real-time WebSocket updates and secure auth flows.

• Demo: https://staging.money.manger.mantaray.digital/api

Yalapass – Studio Management Platform (NestJS, React, RabbitMQ, MongoDB, GCP)

• Designed credit/subscription system and deployed with Kubernetes scaling.

• Demo (API): https://staging.api.yallapass.app/

• Demo (Dashboard): https://staging.dashboard.yallapass.app

Signature-Stays – Airbnb-like Rental Platform (React, NestJS, PostgreSQL, Redis)

• Integrated Hostex payments and optimized API response by 40%.

• Live: https://signaturestays.io/

Doctech – Clinical Management System (Node.js, MongoDB, Socket.io)

• Developed real-time patient management and scheduling features.

• Live: https://doctech.nl/

Online Learning Platform (NestJS, MongoDB, Paymob)

• Implemented JWT authentication and integrated Paymob for payments.

• GitHub: https://github.com/AKira0169/onlineLearningPlatFrom

EDUCATION

Bachelor's in Computer Science – Ain Shams University

Oct 2020 – May 2024 | Grade: Good

LANGUAGES

• Arabic – Native

• English – Professional Proficiency