

# ODAY TAREK HANAFI

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Full-Stack Developer

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## SUMMARY

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

## AREA OF EXPERTISE

- Backend Development (NestJS, Node.js, Microservices, RabbitMQ)
- Frontend Development (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