

Hassan Refaat

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SUMMARY

Product-minded backend engineer with **3 years of experience** and strong ownership, taking initiatives from idea to production. Passionate about solving user problems, building MVPs, and measuring impact. Skilled in distributed systems, database optimization, and managing technical debt in high-traffic environments.

EDUCATION

The Egyptian E-Learning University (EELU)

Bachelor of Computer Science — GPA: 3.2/4.0

Asyut, Egypt

Jul 2020 – Jun 2024

EXPERIENCE

Backend Engineer

Aug 2024 – Present

Taager

Maadi, Egypt

- Integrated WooCommerce and Lightfunnels connectors, driving **300K+ orders** across opted-in markets
- Built e-commerce store builder platform from scratch; architected backend with Spring Boot, frontend with Next.js; led **team of 3 engineers** to deliver MVP processing **100+ orders daily**
- Collaborated with product team to redesign order confirmation flow, increasing confirmation rate by **2%**
- Served as technical partner for top-tier merchants, unblocking critical issues, guiding platform migrations, and building custom tooling (bulk publishing, workflow automation) to improve retention
- Refactored microservices reducing latency by **15%**, optimized logging saving **\$500/month**, and led migration decommissioning **2 legacy systems**

Backend Engineer

Nov 2023 – Aug 2024

Scicave

Remote, Egypt

- Developed RESTful APIs using Spring Boot, improving system response times and operational efficiency
- Achieved **80%** test coverage using JUnit and Mockito, reducing production bugs
- Deployed applications on AWS with automated CI/CD pipelines using GitHub Actions
- Created technical documentation to streamline onboarding and reduce ramp-up time

Software Engineer Intern

Aug 2022 – Sep 2022

Banque Misr

New Cairo, Egypt

- Developed core features for an e-commerce Android app, contributing to successful deployment
- Participated in code reviews and technical discussions, improving app features and performance

PROJECTS

Yadwy – Founder & Lead Engineer

May 2024 – Present

Spring Boot, PostgreSQL, Redis, Docker, GCP, OpenTelemetry, Grafana

- Founded yadwy.app, a multi-seller handmade marketplace; led product discovery, market research, and seller interviews
- Architected modular monolithic backend using Spring Boot and PostgreSQL with Redis caching for performance
- Built customer marketplace, seller portal, and admin dashboard using React/TypeScript
- Self-hosted infrastructure on GCP with Docker stack, Cloudflare R2 for media, and Grafana/OpenTelemetry for observability
- Integrated shipping company APIs enabling sellers to manage orders and fulfillment end-to-end

Tekview | *Spring Boot, GoDaddy API, Payment Gateway*

Apr 2024 – Jul 2024

- Architected web-building platform with subscription services and domain management
- Integrated GoDaddy API for domain purchasing and secure payment gateway for subscriptions

TECHNICAL SKILLS

Languages: Java, Kotlin, Go, SQL

Frameworks: Spring Boot, Spring MVC, Spring Data JPA, Hibernate, JUnit, Mockito

Databases: PostgreSQL, MongoDB, Redis

DevOps & Cloud: AWS, GCP, Kubernetes, Docker, Terraform, Jenkins, GitHub Actions, CI/CD

Architecture: REST APIs, Microservices, Event-Driven, System Design, Design Patterns

Tools: Git, RabbitMQ, gRPC, DataDog, Grafana, OpenTelemetry, Agile/Scrum