Hassan Refaat

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SUMMARY

Product-minded backend engineer with a strong business sense and a passion for building scalable, high-performance systems. Experienced in designing and optimizing backend architectures that directly drive business impact.

EDUCATION

The Egyptian E-Learning University (EELU) — Asyut, Egypt
Bachelor of Computer Science — GPA: 3.2/4.0 — *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
- Spearheaded a Shopify-like store builder from scratch, architecting backend with Spring Boot and frontend with Next.js; led 3 engineers to deliver MVP now 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 internal services 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 scalable backend services, improving system response times and operational efficiency
- Increased test coverage to 80% with unit and integration tests, reducing production bugs
- Deployed applications on AWS with automated CI/CD pipelines
- Documented comprehensive technical guidelines 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 | *Spring Boot, PostgreSQL, MongoDB, Docker, Cloudflare R2* — May 2024 – Present

- Founded yadwy.app, a multi-seller marketplace for handmade goods with shipping integration
- Architected modular monolithic backend using Spring Boot, PostgreSQL, and MongoDB
- Built customer website, seller portal, and admin dashboard using React and TypeScript
- Self-hosted infrastructure with Docker stack and Cloudflare R2 for media storage

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 DNS management
- Implemented secure payment gateway and admin dashboard for managing users and subscriptions

TECHNICAL SKILLS

Languages: Java, Kotlin, Golang, SQL
Frameworks: Spring Boot, Spring MVC, Spring Data, Hibernate, Spring AI
Databases: PostgreSQL, MongoDB, Redis
DevOps & Cloud: AWS, Kubernetes, Docker, Jenkins, ArgoCD, GitHub Actions, Terraform, Ansible, Linux
Other: LLMs, RAG, AI Agents, RabbitMQ, GRPC, DataDog, Grafana, Systems Design, Microservices, Design Patterns