Hassan Refaat

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SUMMARY

Product-minded engineer proficient in **Java, Kotlin, and Golang**, building scalable systems that drive business growth. Strong experience with **Spring Boot**, **databases**, and **DevOps**, with a focus on maintainability and performance. Passionate about aligning technical decisions with product goals to enhance user experience and business impact.

SKILLS

- **Languages:** Java, Golang, SQL and Kotlin
- **Technologies:** Spring Boot, Spring Core, Spring MVC, Spring Data, Hibernate, PostgreSQL, MongoDB, Redis, RabbitMQ
- **DevOps & Cloud:** AWS, Kubernetes, Jenkins, ArgoCD, GitHub Actions, Terraform, Ansible, Linux, Docker, DataDog
- **Concepts:** Systems Design, OOP, GRPC, REST APIs, SOLID, NoSQL, Design Patterns, Microservices, Clean Code

WORK EXPERIENCE

Taager — Maadi, Egypt
Backend Engineer — Aug 2024 - Present
- Engineered new features that increased the **net delivery rate by 2%**, optimizing workflows and improving customer satisfaction.
- Led a **team of two developers** in designing and implementing a key feature, ensuring smooth execution and timely release
- Delivered major **store builder integrations**, automating orders for **600+** stores and processing **54K+** orders in **7 months**.
- Collaborated with stakeholders to gather requirements, ensuring alignment with objectives and delivering impactful features.
- Investigated and resolved **critical production issues**, reducing incident recurrence and improving system stability.
- Improved system reliability by addressing technical debt, optimizing logging **(saving $500/month)**, and resolving critical incidents.

Scicave — Remotely, Egypt
Backend Engineer — Nov 2023 - Aug 2024
- Developed and optimized **scalable backend services**, improving system response times and operational efficiency.
- Achieved **80% test coverage** by implementing unit and integration tests, reducing production bugs and ensuring stability.
- Refactored a **legacy codebase**, cutting complexity and improving maintainability while enhancing team productivity.
- Designed and deployed backend and frontend applications on **AWS**, automating CI/CD pipelines for efficient releases.
- Documented comprehensive technical guidelines to streamline onboarding and reduce developer ramp-up time.

Banque Misr — New Cairo, Egypt
Software Engineer Intern — Aug 2022 - Sep 2022
- Created core features for an **e-commerce Android app**, contributing to its successful deployment.
- Executed assigned development tasks, ensuring **on-time delivery** while adhering to technical specifications.
- Engaged in **technical discussions and code reviews**, helping refine app features and optimize performance.

EDUCATION

The Egyptian E-Learning University EELU — Asyut, Egypt
Bachelor of Computer Science — Jul 2020 - Jun 2024
Cumulative GPA: 3.2/4.0

PROJECTS

YADAWY.COM — May 2024 - Present
- Founded and led the development of **yadawy.app**, a dedicated e-commerce platform for handmade goods.
- Conducted **market research** to identify niche opportunities and refine platform offerings.
- Built an end-to-end system with a **customer-facing website, seller portal, and admin dashboard** to streamline operations.
- Engineered the backend using **Spring Boot, PostgreSQL, REST APIs, OAuth2, and MongoDB**, ensuring a robust architecture.
- Provisioned the platform on **AWS** using **EC2, S3, and RDS**, and automated CI/CD pipelines via **GitLab CI/CD and Docker**.

TEKVIEW — Apr 2024 - Jul 2024
- Architected **TekView**, a web-building platform offering **subscription-based services** with domain management.
- Designed an **intuitive website builder**, integrated **GoDaddy API** for seamless domain purchasing, and managed DNS.
- Implemented a **secure payment gateway**, improving transaction success rates and user experience.
- Built an **advanced admin dashboard** for efficient management of users, subscriptions, and payments.
- Deployed backend and frontend applications to ensure smooth operation and accessibility, enhancing system reliability.