**Hassan Refaat**

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**SKILLS**

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

**WORK EXPERIENCE**

**SCICAVE**  Remotely, Egypt

Backend Engineer Nov2023 – Present

* Designed and developed efficient and scalable backend services, enhancing system performance, interaction, and scalability.
* Achieved 80% test coverage, implementing integration and unit tests to reduce bugs and ensure software reliability.
* Refactored and optimized codebase, decreasing its size and complexity, which improved maintainability and performance.
* Deployed backend and frontend applications on AWS, building CI/CD pipelines for efficient development and deployments.
* Maintained comprehensive documentation, facilitating knowledge transfer and onboarding of new team members.

**BANQUE MISR** New Cairo, Egypt

Software Engineer Intern Aug 2022 – Sep 2022

* Developed an e-commerce Android app, contributing to its successful completion and graduation from the internship.
* Executed assigned tasks under supervision, ensuring timely delivery and adherence to project requirements.
* Participated in technical discussions to explore and implement solutions within the company's app infrastructure.

**EDUCATION**

**The Egyptian E-Learning University EELU** Asyut, Egypt

Bachelor of Computer Science Jul 2020 - Jun 2024

Cumulative GPA: 3.3/4.0

**PROJECTS**

**TEKVIEW**  Jul 2024 - Jun 2024

* Developed TekView, a web-building platform with subscription-based services and monthly payment options.
* Implemented user-friendly website creation tools, domain purchasing, and DNS management features.
* Integrated payment gateway and GoDaddy API, providing a seamless experience for transactions and domain services.
* Created an advanced admin dashboard for efficient user and subscription management, enhancing platform oversight.
* Deployed backend and frontend applications to ensure smooth operation and accessibility, enhancing system reliability.

[**XRUN.DEV**](https://xdev.run) Jul 2024 - Jun 2024

* Contributed to xdev.run, an open-source project simplifying tasks like JSON formatting and base64 encoding/decoding.
* Wrote comprehensive tests to ensure code reliability and stability.
* Resolved issues and bugs to maintain project quality and performance

**DMAIL**  Jan 2016

* Developed a comprehensive email application using Spring Boot, featuring message composition, sending, and viewing
* Leveraged Spring Data JPA and Apache Cassandra for efficient data management and storage of emails and user information
* Created a user interface using Thymeleaf, incorporating inbox management, message composition, and reply functionalities