

# Hossam Hamdy Ibrahim *Software Engineer*

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🔗 <https://cv.hossamhamdy.com/>

📺 <https://www.youtube.com/@programmerrandoms>

## Profile

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Backed-focused Software Engineer with leadership experience, specializing in designing scalable systems that translate complex business requirements into reliable, production-ready solutions. Experienced in building and optimizing high-performance APIs using Django & Django REST Framework, working with PostgreSQL/MySQL, and developing containerized applications using Docker.

Strong advocate of Agile practices, clean architecture, and delivery-driven development. Focused on performance optimization, system reliability, and aligning technical decisions with real business impact.

Continuously evolving toward system architecture while strengthening technical leadership and cross-team collaboration.

## Work Experience

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### Software Engineer, *Holouly*

2025/12 – Present | Riyadh, KSA

- Contribute to scalable back-end systems using Python and Django ecosystem.
- Embrace Agile methodologies (Scrum/Kanban) to ensure iterative and value-driven delivery.
- Collaborate cross-functionally with product and front-end teams to deliver business-aligned features.
- Manage containerized applications using Docker and Kubernetes (K8s).
- Supporting deploy and monitor services in container orchestration environments to ensure high availability.
- Follow structured delivery pipelines to improve deployment reliability and reduce manual intervention.
- Optimize system performance, scalability, and fault tolerance.
- Participate in code reviews and enforce best practices for maintainability and clean architecture.
- Support production environments with proactive monitoring and incident resolution.

### Software Engineer & Team Lead, *PoultrySync*

2023/11 – 2025/11 | Dubai, UAE

- Lead and manage team of 2 and expanding
- Maintain structured and efficient task management.
- Prioritize and allocate time effectively to meet objectives.
- Develop structured plans to streamline workflow and decision-making.
- Handle tasks effectively to balance productivity and efficiency.
- Deliver work on time while maintaining quality standards
- Optimization, troubleshooting and debugging of system to ensure stability and scalability.
- Maintain legacy code to keep old systems running efficiently.
- Improve and restructure code without disrupting business workflows.

- Designed and implemented custom features aligned with client needs, improving overall user experience.
- Focused on high-level planning and best practices to improve development team efficiently.
- Architected and developed RESTful APIs using Django REST Framework to support seamless integrations.

**Software Engineer, Mighty Groups**

2022/10 – 2023/04 | Maadi, Cairo

- Creating RESTful APIs using Python and Django REST Framework
- Troubleshoot, debug and upgrade existing systems
- Contributing with team to deploy projects
- Design ERD and database tables with business team
- Add customized features per request

**Expenses Accountant Specialist, GLC**

2019/12 – 2022/03 | Obour, Qalyubia

- Reviewing general ledger journal entries to the ERP system
- Prepare and submit weekly/monthly reports

**Junior Accountant, KAM Egypt**

2018/10 – 2019/10 | Giza, Cairo

- Manage all accounting transactions and enter general ledger journal entries to the ERP odoo system

## Skills

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**Computer Skills** — *Python | Django | Django rest framework | HTMX | JavaScript | ReactJS | HTML | CSS | Bootstrap | MySQL | PostgreSQL | Shell Script | Odoo | Docker | Git | Jenkins | Kubernetes (K8s)*

**Interpersonal Skills** — *Creativity & Strategic Thinking | Active Team Member Helpful & friendly | Problem Solving & Decision Making*

**Language Skills** — *Good command of both written and spoken English.*

## Education

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**ITI ( Information Technology Institute )**

2022/03 – 2022/09

- Programming Fundamentals.
- Intro to Web Development + hands on experience.
- Advanced topics and tips for Web Development optimizations
- Graduation Project + project for every sub track.

**Ain Shams University, Bachelor Degree of Accounting**

2016

## Certificates

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React Development Cross-Skilling Nanodegree Program (Udacity)

Dart & Flutter course (IT Share)

PFA ( Professional Financial Accountant )

## Projects

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### **Right Now**, *all-in-one delivery management platform*

- Contributed to features that allow restaurants to manage all orders in one place, track deliveries in real-time, and access in-depth analytics on performance to boost efficiency and customer satisfaction.
- Contributed to the design and development of dashboards for visualizing key performance metrics (e.g., delivery times, order volumes) to help businesses make data-driven decisions.
- Contributed to improving platform reliability, performance optimization, and continuous deployment workflows.

### **PoultrySync**, *AI-Powered Poultry Management Platform*

- Contributed to the development of an end-to-end SaaS platform to digitize operations for poultry producers
- Engineered features for a cloud-based platform that centralizes data collection and provides real-time dashboards and predictive analytics for the poultry industry.
- Developed specialized modules for poultry management and feed conversion optimization, helping farmers make data-driven decisions.

### **Order Manager** [↗](#)

Central page to collect food orders instead of manual process

Build with Django, HTMX, Django Channels

### **Darajaty (Gamified Quizzing Platform)** [↗](#)

Tired of boring quizzes? With Darajaty, every question you answer, add, or review comes with rewards. Make learning engaging and fun.

Build with Django + Django REST framework + ReactJS

## References

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**References will be furnished upon request**