Abdelrhman Yasser

Software Engineer

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Profile

I am a Software Engineer, I built a lot of SaaS projects, I am passionate about discovering new solutions, and l writing some articles on medium about backend engineering, Successfully led teams to build and deploy systems and enhanced developer productivity through innovative tools.

Professional Experience

Software Engineer, *iSemantics.ai* ⧉   2024 Feb – present
cairo, Egypt

Software Engineer, *bld.ai*   2022 Nov – 2023 Nov
Cairo, Egypt
- Partnered with Product Managers and senior engineers to design and implement an advanced API infrastructure, improving response times and reducing server costs.
- Led two teams to build and deploy systems from scratch.
- Implemented Docker for streamlined deployment, reducing release cycles.
- Engineered and released a user-friendly CLI tool for system interaction, published on PyPI, enhancing developer productivity and reducing manual intervention.
- Architected and optimized dynamic web application features utilizing JavaScript/React and Python/Django, enhancing response times.
- Developed and tested applications on EC2 and deployed and managed applications on the DigitalOcean platform.
- Collaborated in Agile teams, delivering features within sprint timelines.
- Maintained version control with Git, facilitating collaborative development and conducting regular code reviews to ensure code quality. Participated in planning and scoping meetings for future projects, ensuring alignment with organizational goals and feature roadmaps.
- Conducted performance testing using JMeter, identifying bottlenecks and optimizing application performance.
- Collaborated with the design team to ensure the seamless integration of new features.
- Utilized Jira for bug tracking and project management, streamlining QA processes.

supervisor, *ICPC Helwan University*   2022 Nov – 2023 Jul
cairo, Egypt
- Trained some teams to be qualified to participate in ECPC (Egyptian Collegiate Programming Contest).
- Improved team performance by offering direction and hands-on support.
- Helped team meet targets by keeping stock levels optimized and coordinating necessary resources to support programmers' needs.

Projects

Chatarms.com ⧉   2023 Aug – 2023 Nov

we built an application similar to a channel between AI bots and Whatsapp APIs.

Openstack.sh ⧉   2022 Nov – 2023 Aug

- Led a team of 5 Engineers and I distributed the tasks to the team in proportion to their capabilities so that we could deliver in time.
- we built a web application, a GitHub bot powered by openai and CLI tool for easy use.

food restaurant   2024 Jan – 2024 Mar

- collect functional and non-functional requirements.
- design ER diagram and high-level system design and API design.
- divided requirements into tasks and sub-tasks, and then estimated each task's time.
- skills: express.js, collect requirements, design ER, API, high-level design, communication.

Internships

fullstack developer, *bld.ai*   2022 Jun – 2022 Nov
                                                                    cairo, Egypt
Skills: Agile Software Development · Redis · PostgreSQL · Web Development · Wireframing · Web Applications · OAuth · JSON Web Token (JWT) · Front-End Development · Back-End Web Development

Education

Bachelor of Computer Science, *Helwan University*   2019 Sep – 2023 Jun
                                                                    cairo, Egypt

Skills

- python
- postgresql
- Django
- linux
- gRPC
- GIT
- Kafka
- Redis
- FastAPI
- SQL
- Reactjs
- express.js
- REST
- Jira
- Docker
- AWS
- OWASP
- JMeter

Certificates

- AWS Cloud Technical Essentials ⧉
- Running Redis at Scale ⧉

Awards

2021 ACPC certification for Africa and Arab Collegiate Programming Contest. 2021 Oct

Courses

GCP Associate Cloud Engineer 2024 May – present
Google Cloud Certification Journey cairo, Egypt

AWS Cloud Technical Essentials 2023 Oct – 2023 Oct
an online non-credit course authorized by Amazon Web Services and offered cairo, Egypt
through Coursera