

Youssef Shalaby

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Experience

Bit68

Mar 2022 – Now

Software Engineer

Cairo, Egypt

- Primary focus on back-end development with valuable exposure to system design and architecture.
- Optimize database queries, reducing page load and enhancing overall application performance.
- Mentoring and providing guidance to junior team members.
- Understanding of React.js core principles, component-based architecture, and state management.
- Utilized AWS to manage cloud hosting, ensuring reliable and scalable performance for the company's projects.
- Troubleshoot, debug, and improve existing applications.

Fritill

Feb 2021 – Feb 2022

Software Engineer

Cairo, Egypt

- Developed and integrated a secure, robust, and dependable web application using the Django web framework and REST API structures.
- Collaborated with front-end developers to integrate user-facing elements with server-side logic.
- Conducted rigorous testing of components utilizing unit testing methodologies, employing a Test-Driven Development (TDD) approach.

Projects

KHUSM | Python, Django, Postgres, Docker-Compose, Cloud(AWS)

- Led the development of a Monolithic-based Medical Insurance Platform mobile application.
- Designed and deployed a scalable RESTful API using Django and Django REST Framework, achieving a 30% improvement in data retrieval speed.
- Leverage Firebase Cloud Messaging to send real-time notifications.
- Integrated payment gateway for card and wallet transactions.

KHAZYN | Python, Django, Docker-Compose, Django-rq worker

- Led research and drove technical decision-making processes for software engineers and development teams with an implemented solution that modernized an outdated back-end system.
- Implemented integration with Odoo to fetch products seamlessly and Ensure a smooth flow of product data from Odoo to the system.

Scoutx | Python, Django, Celery, Docker-Compose

- Improved overall code quality and efficiency through regular code reviews and collaboration with other developers, resulting in a 25% decrease in bugs and support tickets.
- Led a Kan-ban team which resulted in a 40% decrease in bug reports.
- Implementation of unit testing for added project reliability.
- Ensures robust and dependable performance.

Technical Skills

Languages: Python, JavaScript, Typescript

Technologies: Django, Node.js, Express.js, React.js, Next, HTML, CSS

Cloud: Docker, Docker-Compose, Git-lab CI/CD, Git-hub, AWS (EC2, S3, RDS)

Other Technologies: Redis, Celery Task Manager, Jira, Trello, Unit Testing

Education

Alexandria university

Bachelor of Mechanical Power Engineering

May 2019

Alexandria, Egypt