Tarek Bassiouny

Senior Software Engineer

Dynamic software engineer with 9+ years of experience. Proficient in developing robust backend systems using PHP, .NET Core, and frameworks like Laravel, Symfony, and CodeIgniter. Adept in object-oriented programming, consistently delivering high-quality and scalable solutions. Collaborates effectively with cross-functional teams to drive innovation and achieve business goals. Committed to continuous learning and staying current with industry trends to optimize software development processes.

Work History

2023-02 - Current

Senior Software Engineer

Moodagent Technology, Copenhagen, Denmark (Remote)

- Developed a custom search engine using OpenSearch and Kafka, with .NET as the API for querying data, improving search response times by 20%.
- Utilized a Faust Python application to push topics to OpenSearch indexes, streamlining data ingestion and ensuring real-time updates.
- Implemented Redis as a caching layer to optimize data retrieval, significantly reducing load times, and enhancing overall application performance.
- Collaborated with cross-functional teams to integrate Python-based Faust applications with .NET APIs, optimizing performance and data flow.
- Employed K6 for load testing to measure API performance, identifying bottlenecks, and ensuring system robustness under high traffic conditions.

2021-04 - 2023-01

Software Engineer ||

LinkFire Technology, Copenhagen, Denmark (Remote)

- Managed full-stack landing page solution, OneLink, for clients, ensuring seamless data

Contact

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WWW
Bold Profile

Skills

PHP

.Net core

NodeJs

Python

Database Management

OpenSearch

Docker Containerization

Microservices Architecture

Testing and debugging

Languages

Arabic: Native language

English
●●●●○○
Upper intermediate (B2)

integration from client platform.

- Implemented Redis as caching layer to optimize data retrieval, handling over 20 million requests daily while maintaining performance.
- Utilized Amazon S3 for scalable storage, effectively managing large volumes of data.
- Refactored existing PHP code in Phalcon framework to optimize paging load times, enhancing user experience.
- Managed .NET microservice platform by adding new API endpoints to improve functionality and user experience.
- Played a key role in infrastructure management by implementing Docker for containerization and transitioning CI/CD processes from TeamCity to Jenkins.

2020-04 - 2021-04

Senior Software Engineer

Yallow Technologies, Co., Amman, Jordan (Remote)

- Improved website performance by optimizing PHP code and troubleshooting existing issues.
- Implemented API integrations to connect web applications with third-party services seamlessly.
- Developed user-friendly web applications using PHP frameworks for enhanced user experiences.

2018-07 - 2020-08

Software Engineer

Ibtikar Technologies, Co., Alexandria, Egypt

- Developed scalable and maintainable code, ensuring long-term stability of the software.
- Integrated new technologies into existing systems, increasing capabilities and improving overall performance.
- Developed reusable components that significantly reduced development effort on multiple projects.

2016-12 - 2018-06

Software Engineer

Travel Fox | Travel Business Domain, Alexandria, Egypt

- Developed efficient software solutions by utilizing PHP and other programming languages, resulting in improved application performance.
- Enhanced user experience with intuitive interface designs, contributing to increased user

satisfaction and engagement.

2014-11 -
2015-11

Software Developer

Global Impact, Alexandria, Egypt

- Improved software efficiency by troubleshooting and resolving coding issues.
- Saved time and resources by identifying and fixing bugs before product deployment.
- Collaborated with cross-functional teams to deliver high-quality products on tight deadlines.

Education

2013-08 -
2017-04

Pre-master Diploma: Computer Science

Arab Academy For Science, Technology And Maritime - Alexandria, Egypt

2004-09 -
2009-07

J.D.: Law

Alexandria University - Alexandria, Egypt

Certifications

2016-04   Object Oriented Programming in Java

2016-02   Data Structure and Performance

2015-12   Algorithmic Toolbox

2014-11   Data Structure Made Easy

2013-06   Become a Web Developer from Scratch