Hadeer Hesham

Results-driven **software engineer** with **over 2 years of experience** in developing scalable and high-performance business applications. **Proficient in JavaScript (TypeScript, Node.js, NestJS) and PHP**, with hands-on experience in **MongoDB, MySQL**, **RESTful API design**, **and cloud services**. Demonstrated ability to rapidly adapt to new technologies, with a proven track record in remote work and cross-functional collaboration in distributed teams.

Khaled Ibn El Waleed, Sidi Beshr Bahri, Alexandria, Egypt
Egyptian
Muslim
10 Dec 1998

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PROGRAMMING LANGUAGES

- PHP
- JavaScript
- TypeScript

FRAMEWORKS

- NodeJS
- Express
- NestJs
- React
- Laravel

DATABASES

- Mongodb
- MySQL
- Redis

DEVOPS

- Docker
- CI/CD
- Version Control Systems (GitHub - GitLab)

WORK HISTORY

Junior Software Engineer
Spiritude Software Company | Nov 2022 - Present
Developed, installed, and configured internal applications, as well as new application releases into test and production environments.

Web Development Intern
Prometeon Tyres Group , Inc. | Oct 2021 - Feb 2022
Completed five-month undergraduate trainee program. Developed a cloud-based human resources information system, consolidating employee information from various databases and servers.

EDUCATION & CERTIFICATIONS

7 Certificates in Backend and Frontend Development
New Horizons Centers
Completed 7 comprehensive courses covering both backend and frontend development technologies, demonstrating a solid foundation in full-stack development.

4 Certificates in Backend Development and Networking
Information Technology Institute (ITI)
Specialized in backend development and networking, acquiring practical knowledge and skills through in-depth courses.

3 Certificates in Software and APIs
freeCodeCamp
Earned through rigorous coursework and project-based evaluations, focusing on software development and API integration.

MongoDB Certified Developer
MongoDB Official Website
Completed advanced training and certification directly from MongoDB, showcasing expertise in database management.

Web Development Track Certification
Ministry of Communication and Information Technology (MCIT)
Successfully completed the MCIT's web development track, gaining proficiency in modern web technologies.

Certified Graph Developer
Apollo GraphQL
Earned certification as a Graph Developer from Apollo GraphQL, demonstrating advanced skills in modern API development using GraphQL.

API Designer Certification
API Academy
Certified as an API Designer, emphasizing best practices in API design and architecture.

27 Additional Certificates Across Diverse Topics
Spanning cloud computing, DevOps, databases, APIs, data structures, algorithms, and more, these certifications reflect a broad and deep understanding of key industry domains.

Bachelor of Science
Alexandria University 2016 | 2020
CGPA : 2.92

As a backend software engineer, I have **led** projects including **Learning Management Systems (LMS), Content Management Systems (CMS), E-Commerce platforms, and blog websites.** I follow industry best practices such as **DRY**, **SOLID** principles, and **clean code** to ensure scalable, maintainable systems. My focus on secure authentication, payment gateway integration, and **performance optimization** has resulted in improved system reliability and reduced response times by **30%**. These practices ensure efficient backend solutions that enhance **user satisfaction.**

CLOUD TECH

- Firebase
- Knowledge in cloud platforms (IaaS, FaaS, PaaS, SaaS)

INFRASTRUCTURE

- Infrastructure as Code (IaC)
- Linux

FRONTEND TECH

- HTML5
- CSS3
- JQuery
- Bootstrap
- ReactJs

ORM/ODM

- Mongoose

ADDITIONAL SKILLS

- APIs: Understanding of APIs
- Additional Skills: Object-Oriented Programming (OOP) and Proficient in Data Structures and Algorithms

LANGUAGES

- Arabic (Native)
- English (C1 Level)
- French (B1 Level)
- Italy (B1 Level)
- Turkish (B1 Level)

SELECTED PROJECTS

1. **OD**
link 1 : https://admin.od-dev.space/auth/login
link 2: https://od-dev.space/auth/login

Description: SAP-integrated Learning Management System (LMS) for the Ministry of Commerce and Industry in Qatar. This project includes an admin dashboard to control the system and import Excel sheets, managing employee courses required for promotions with a Competency-Based Grading (CBG) system.

2. **OH-ME**
link 1: https://oh-me.ae/
link 2: https://admin.oh-me.ae/login

Description: an e-commerce platform for an Italian client that facilitates purchasing products and taking advantage of bundles and offers. The project includes a user-friendly website and an admin dashboard, enhancing the shopping experience and streamlining administrative tasks.

3. **OBH**
link 1: https://obh-client-lawyer-web.vercel.app/
link 2; https://obh-admin-phi.vercel.app/

Description: an ERP system for law organizations, which includes two mobile applications, a user-friendly website, and an admin portal. This integrated solution enhances the efficiency of legal professionals and provides access to legal services for users.

4. **ZUMAA**
link : https://zumaa.app/login?lan-en

Description: Zumaa is a Mobile App and an Admin WebApp for e-commerce designed to facilitate online buying and selling transactions. The website is divided into three main sections: the Seller section, the User section, and the Delivery section.

5. **HSI**
link : https://drive.google.com/drive/folders/10vFi-ZDA671WRbMHbHJaTuZz7rGrf4M3?usp=sharing
link: https://hsi-eg.co/

Description: website serves as a powerful platform for HSI (Healthcare Solutions International), an ever-growing organization dedicated to raising the healthcare quality level all over Egypt.

6. **SDMATH**
link : https://drive.google.com/drive/folders/1DH-PnetwHf2z-5AndElKT81fFvjliSE0?usp=sharing

Description: Platform and mobile application project for the SD math program seek to develop children's thinking skills and simplify calculations by using online interactive games that enable children to solve the most complicated problems fast and easily without using calculators.

7. **MOHAMEEK**
Link: still working on it

Description: Software as a Service (SaaS) platform using NestJS that features a comprehensive admin portal and dashboard. The project aims to provide businesses with a streamlined solution for managing their operations efficiently.

MESSAGE BROKERS

- RabbitMQ
- Redis

SHELLS

- Bash
- Zsh
- PowerShell

OPERATING SYSTEMS

- macOS
- Linux
- Windows

VIRTUALIZATION AND CONTAINERIZATION

- Proxmox VE
- Docker
- Kubernetes

SELECTED PROJECTS

8. MEDIOSIS

Gallery Link :
HTTPS://DRIVE.GOOGLE.COM/DRIVE/FOLDERS/1QD7FABDIPID2IGQA_L9T9VBPAQ
YR8BPY?USP=SHARING

Description: a platform for medical articles. it offers a user-friendly interface for readers to explore a wide range of informative and educational medical content. it caters to various user roles, including editors, admin, and users.

9. SHOPIHY

Gallery link : https://lnkd.in/d_caff9Z

Description: my MERN stack ecommerce website. With an integration of MongoDB, Express.js, React.js, and Node.js, I have created an innovative platform that delivers an exceptional online shopping experience.

10. PORTFOLIO

Gallery link : https://www.linkedin.com/posts/hadeer-hesham-fahmy-%F0%93%86%B1-45bb671b8_project-portfoliowebsite-activity-6945008199016034304-G-m6?utm_source=share&utm_medium=member_desktop

Description: It is a visually appealing and interactive website that showcases my work as a web developer. With smooth animations and seamless transitions, The website also features a dynamic blog section where I share my insights and experiences in the web development field.

SOFT SKILLS & REMOTE WORK READINESS

- Strong communication skills
- Self-motivated and highly organized
- Proactive problem-solving
- Excellent collaboration skills
- Skilled in using remote work tools such as Slack, Trello, Jira, and Zoom.

ACHIEVEMENTS

- **Awarded** the "**Most Improved Employee**" **badge** at my current job in a remarkably short time, recognized for exceptional performance, productivity, and skill advancement.
- **Completed** the development of an **entire system** in **under one month**, including more than **7 modules** in a permission-role mixed-based system that **serves 2 dashboards, an admin portal, and 2 mobile applications,** all tailored to the specific needs of the client.
- **Reduced API response time** by **30%** by optimizing queries and refactoring code, resulting in improved system performance and user experience.
- Successfully **led** the development of **3 major backend systems** using **NestJS** and **MongoDB**, contributing to the launch of key product updates.
- **Developed** and deployed **10+ scalable RESTful APIs,** enhancing system integration and enabling seamless.