

Hamza Falah

Full-Stack Developer | DevOps Specialist | IT Manager | Experienced in developing high-quality web applications and optimizing backend processes, with a strong focus on security and performance. Proven ability to lead teams and deliver innovative solutions across diverse industries.

WORK EXPERIENCE

Full-Stack Web Developer (IT Department Manager) CSC BEYOND

01/2021 - Present Amman, Jordan

Achievements/Tasks

- Led the development and management of high-impact projects, including creating dynamic and fast-performing websites, developing APIs for mobile applications, and designing an admin CMS for site and application management.
- Proficient in server creation and setup, dynamic deployment, and CI/CD pipelines across multiple cloud platforms including AWS, Digital Ocean, and Cloudflare. Skilled in implementing security best practices, conducting vulnerability assessments, and managing security configurations to close gaps and ensure robust application protection. Expert in leveraging cloud-specific features such as elastic load balancing, scalable storage, and integrated security tools to optimize infrastructure for performance and safety.
- Established database schemas and planned workflows with accurate deadline and timeline estimates, ensuring seamless integration and functionality across various platforms and applications.
- Worked extensively in backend development across multiple frameworks, addressing errors, making updates, and enhancing functionality while applying best practices in security and performance monitoring, including artificial intelligence applications and RESTful APIs.
- Spearheaded the implementation of modern technologies and frameworks, enhancing development efficiency through Agile methodologies and effective project management while collaborating with cross-functional teams to meet user needs.

Full-Stack Developer (Team Leader of IT Department) Eduba

02/2022 - 08/2022 "Part Time"

Achievements/Tasks

- **Platform Development:** Spearheaded the development of a comprehensive educational platform tailored for early learning, using Laravel to ensure a robust and scalable architecture.
- **Team Leadership:** Managed a diverse IT team, overseeing task delegation, progress monitoring, and performance evaluations to ensure project milestones were met efficiently.
- **System Integration:** Implemented a holistic financial system to streamline the platform's monetary operations, enhancing overall financial workflow and reporting accuracy.
- **Security and Maintenance:** Enforced best security practices, including regular updates and patches, to safeguard sensitive educational data and user information.

Back End Developer Next Stage Software & Marketing Solutions

11/2021 - 01/2022 "Part Time"

Achievements/Tasks

- Engineered server-side logic, optimized database queries, and integrated APIs for improved application performance.
- Collaborated with front-end developers to create seamless APIs, ensuring effective communication between client-side and server-side components while implementing best practices in code documentation and testing.
- Developed robust server-side logic and integrated complex database systems, optimizing queries to enhance application performance and reduce load times.



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SKILLS

Cloud Platforms: AWS (EC2, RDS, S3, IAM, CloudFormation, CloudWatch, CodeCommit), Digital Ocean, Cloudflare

Hosting Platforms: Tier.Net, Joe's Data Center, Hostinger, BlueHost, HostGator

DevOps Tools: Docker, CI/CD Pipelines, Security and Vulnerability Management, Zero Trust Architectures

Programming Languages: Python, PHP, JavaScript

Frameworks: Laravel, React Native, WordPress, CodeIgniter

Databases: MySQL, PostgreSQL, MongoDB, SQL Server

Other Technologies: RESTful APIs, GraphQL, AJAX, jQuery, Adobe Figma, Machine Learning Foundations

Content Management Systems: WordPress, Craft CMS, Wix, and others

Version Control: Git, GitHub, GitLab, Bitbucket

Data Analysis & Quality Control



ACHIEVEMENTS

CSC Branded WordPress Plugin (CSC Beyond Company)

Developed a proprietary plugin to enhance SEO for websites, significantly improving site visibility with performance scores exceeding 92% on search engines. This plugin has been successfully implemented on sites across the U.S., boosting search rankings and user engagement.

VR System Development (CSC Beyond Company)

Collaborated with a team to design and implement an advanced VR system incorporating AI technologies, such as Speech-to-Text (STS) and Text-to-Speech (TTS). This system simulates real human interactions for customer service, enhancing client engagement through a seamless integration of streaming and knowledge-based interactions.

WORK EXPERIENCE

Quality & Data Management

EHS - Hakeem

09/2020 - 12/2020

Amman, Jordan

Achievements/Tasks

- Analyzed and reconciled patient data, generated statistical reports, and enhanced data quality and accuracy through comprehensive backend processes.
- Generate general patient statistics and their visits, then verify and reconcile data, adjust errors and fix errors, including creating seasonal analysis and time series analysis. Analyze big data to become information with scientific and knowledge content and represent it across time curves.

EDUCATION

Al Al-Bayt University

Bachelor of Computer Science GPA 87.8%

09/2017 - 01/2021

Excellent

Abilities and Methodologies

- **Academic Achievements:** Graduated with honors, achieving second place in the department for overall academic performance, demonstrating a strong grasp of computer science principles and technologies.
- **Key Courses:** Engaged in specialized coursework including Network Security, Software Engineering, Operating Systems, Database Management Systems, and Cloud Computing. This comprehensive academic exposure laid a solid foundation in critical areas, supporting my capabilities in both DevOps practices and full-stack development. These courses emphasized practical applications such as secure network configurations, agile software development techniques, efficient system management, scalable database solutions, and effective cloud service utilization, all essential for modern IT environments.
- **Capstone Project:** Spearheaded "Fekra," a comprehensive platform designed to integrate all social media services into a single interface. This innovative solution facilitates simple yet effective communication between users and developers, featuring profiles highlighting skills, a dynamic posting system for questions and solutions across multiple fields, and real-time interactions. The platform caters not only to software engineers but also to structural engineers, mechanical engineers, designers, and professionals from various disciplines. Through "Fekra," we implemented advanced development techniques and problem-solving strategies to address complex challenges in digital communication and networking.

ACHIEVEMENTS

Cure Platform (CSC Beyond Company)

Led the development of a comprehensive management system for pharmaceutical distributors, including creating two mobile applications and a web platform. This system streamlines workflow, sales, and distribution processes, significantly enhancing operational efficiency and compliance in the healthcare sector.

LANGUAGES

English

Full Professional Proficiency

Arabic

Native or Bilingual Proficiency

ABOUT MYSELF

Dedicated and innovative IT professional with a passion for DevOps and full-stack development. My career is characterized by my deep commitment to enhancing user experience and operational efficiency through scalable and secure technological solutions. I thrive in dynamic environments, consistently pushing the boundaries of technology to deliver robust and cutting-edge solutions. With a background that spans multiple cloud platforms, programming languages, and development frameworks, I bring a versatile skill set and a holistic approach to solving complex challenges.

Beyond my technical capabilities, I am a committed team leader and a collaborative team player, recognized for my ability to inspire colleagues and drive multidisciplinary teams towards shared goals. My approach blends analytical rigor with a keen sensitivity to user needs, ensuring that all technology solutions are accessible and aligned with business objectives.

Outside of work, I actively engage in community service and support various causes, reflecting my belief in the power of technology to foster societal progress. Fluent in English and native in Arabic, I am equipped to communicate effectively across diverse cultural contexts, making a positive impact in global and local settings alike.