
Elias Abi Chakra

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WORK EXPERIENCE

I-magineworks - UAE

Sep 2023- Present

DevOps Engineer

- Implementing Python scripting to automate tasks, currently achieving a 30% improvement in efficiency.
- Integrated CI/CD via GitHub Actions, optimizing the development pipeline for the backend of a mobile app called *MobAd*, ensuring continuous integration and efficient deployment.
- Executing the development of robust C# APIs, highlighting expertise in creating scalable and reliable backend solutions.
- Deploying web APIs and databases on Microsoft Azure, leveraging cloud services for enhanced scalability and reliability.
- Implementing Docker for the containerization of web projects, achieving heightened portability and consistency across diverse environments, resulting in improved deployment efficiency.
- Showcasing proficiency in designing and implementing Kubernetes architectures, contributing to scalability of applications.
- Crafting YAML configurations to define infrastructure and application settings.
- Implementing automation solutions using Shell scripting on various Linux systems, including Ubuntu.
- Developed backend APIs using Node.js and Express for seamless integration between services and applications.
- Created a real-time admin support chat app using Socket.IO, with a MongoDB cluster and replica set for reliable, real-time data handling.

SAOUA – Beirut Digital District, Lebanon - internship

Sep 2023- Jan 2024

DevOps Engineer

- Navigated a rigorous selection process, achieving a distinguished position among the top 1.16% of applicants in Lebanon.
- Developed and implemented CI/CD pipelines using Jenkins and Github Actions automating the deployment process for multiple applications.
- Conducted a comprehensive cost study on AWS services, demonstrating a meticulous approach to financial analysis.
- Specialized in AWS AI solutions, demonstrating expertise in EC2 instances and services

like SageMaker for AI training.

- Developed a Python-based web scraper using Requests, Selenium, BeautifulSoup, and Scrapy for automated data extraction, followed by in-depth analysis to generate insights and identify trends.
- Managed and configured AWS EC2 instances and Elastic Beanstalk environments for scalable and reliable infrastructure.
- Integrated CloudWatch for monitoring server health, application performance, and setting up alerts for proactive issue resolution.
- Utilized Grafana to visualize data trends and generate real-time insights from the collected data, improving decision-making and reporting.

Mada development Unit- Beirut, Lebanon - internship

May 2022-June 2022

Fullstack developer

- Contributed to the development of a company website by leveraging HTML, CSS, and JavaScript, with a focus on Java for regular expressions.
- Collaborated on building responsive and user-friendly layouts to enhance the overall user experience.

EDUCATION

ISSAE CNAM

Bachelor of Computer Engineering – (In Progress)

CERTIFICATION

UDEMY

AWS Certified Cloud Practitioner Certification

Completed 6 Practice Exams on Udemy with instructor Stephan Maarek

Focused on core AWS services, cloud security, and best practices for cloud architecture.

AWS

AWS Certified Cloud Practitioner Certification – (In Progress)

PROFESSIONAL SKILLS

- | | | |
|-------------------------------|---------------------------|------------------------|
| • HTML, CSS | • Docker, Kubernetes | • NodeJs, ExpressJs |
| • JavaScript, reactJs, NextJs | • GitHub actions, Jenkins | • Problem Solving |
| • AWS services | • Git, GitHub | • Team Player |
| • Python, Shell Script | • MySQL, MongoDB | • Communication skills |

LANGUAGES

Arabic: Native

English: Proficiency

French: Proficiency