





Mohammad Bashar Madani

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Syria-Damascus

Skills

*Linux/Docker/Kubernetes/Git/Jenkins/Ansible/Laravel/MYSQL/Laravel/ Backend
/Prometheus/Grafana/loki/Alertmanager/ Communication Skills/ Work Hard /Deployment
Application/Problem solving/Teamwork/*

EDUCATION

Bachelor in Information Technology

2019 – Present

Specialization: Networking

AL SHAM PRIVATE UNIVERSITY, Damascus, Syria

Projects

1- laravel-e-commerce-api

- *Developed a Laravel-based e-commerce API for integrating into applications or systems, providing essential functionality for managing e-commerce-related data.*
- *Designed and implemented API endpoints for retrieving and updating data, including administrators, clients, orders, ratings, posts, post photos, and workers.*

 [GitHub Repo](#)

2- Deployment microservice application

- **Microservices Architecture:** *Designed and implemented a scalable and flexible microservices architecture to enhance system performance and maintainability*
- **Backend Development:** *Developed backend logic using Node.js, facilitating efficient communication between microservices and enabling seamless data exchange.*
- **Frontend Development:** *Built frontend logic using React, providing a responsive and user-friendly interface for users to interact with the application.*
- **Database Integration:** *Integrated microservices with a PostgreSQL database, ensuring secure and optimized data storage and retrieval.*
- **Containerization:** *Created Docker builds for React frontend and Node.js backend images, ensuring consistent performance across different environments.*
- **Orchestration:** *Implemented Kubernetes to automate deployment, scaling, and management of microservices, ensuring optimal resource utilization and efficient scaling.*

- **Ingress Routing:** Configured Nginx Ingress for efficient path-based routing within the Kubernetes cluster, enabling efficient traffic management and reduced latency.

 [GitHub Repo](#)

3- Deployment of a Scalable CRUD Application

- **Development:** Designing and developing the CRUD application using Laravel for backend development and Laravel blade with bootstrap for frontend development
- **Containerization:** Creating Docker images for the application to ensure consistency and portability across environments.
- **Kubernetes Deployment:** Configuring and deploying the application using Kubernetes, leveraging:
- **Rolling Update Strategy:** Ensuring seamless deployments without service interruptions.
- **Auto-Scaling:** Dynamically adjusting the number of pods based on resource utilization (CPU and memory) to handle increased traffic or demand.
- **Database Configuration:** Setting up a replicated MySQL database using master-slave replication in a Kubernetes cluster, ensuring high availability and scalability.

 [GitHub Repo](#)

WORK EXPERIENCE

Job title: junior Devops Engineer

7/2024–present

- *Contributed to the design and development of a health check system used to monitor logs and metrics, leveraging observability tools such as Prometheus and Loki to ensure system reliability.*
- *Deployed and configured multiple applications using Docker Compose, enhancing the efficiency and reliability of application environments.*
- *Deployed and configured various services to integrate with SIEM solutions, gradually adapting to meet the evolving needs of business operations.*
- *Identified and resolved system issues, troubleshooting effectively to maintain optimal functionality and minimize disruptions.*
- *Managed and resolved daily support tickets, ensuring smooth workflows and maintaining high overall system performance.*

CERTIFICATIONS

- **CCNA (Cisco Certified Network Associate)** Institution: Hadara International Center
- **NPA (Network Professional Admin)** Institution: Syrian Computer Society
- **CentOS Stream Administration** Institution: Syrian Computer Society
- **DevOps Engineer Diploma** Institution: Senior Steps - IT Training Center
- **CERTIFIED KUBERNETES ADMINISTRATOR (CKA)** Institution: kodekloud