SALHI ANIS

Ariana, Tunisia

📞 +216 94661546   ✉ salhianisbf1@gmail.com

in linkedin.com/in/anis-salhi-4ab324229/   ○ github.com/Salhianis1

Profile

I possess advanced expertise in DevOps, machine learning, and data analysis. My skills encompass designing efficient deployment pipelines, developing intelligent algorithms, and deriving insights from complex datasets. Driven by a passion for innovation, I am eager to leverage my skills to make a meaningful impact on forward-thinking projects.

Technical Skills

Programming Languages: Python, Java, C, HTML/CSS, JavaScript, PHP, SQL, YAML, XML, Script Shell, Bash, Cypher query language, Dart
Developer Tools: VS Code, IntelliJ IDEA, Jupyter, Android Studio, Postman, PyCharm, Spyder, VirtualBox, Vagrant, VMware Workstation
Frameworks Web: Flask, React
Database Management System: MongoDB, PostgreSQL, Neo4j, Redis, MySQL
Operating System: Windows, Ubuntu, Debian, Kali Linux, Parrot
DevOps: CI/CD Pipeline, Git, GitLab, GitHub, Docker, Podman (Pod Manager), Portainer, Kubernetes, Helm, Kustomize, Ansible, Jenkins,GitHub Action,GitLab CI, SonarQube
DevSecOps: Trivy, Anchore Syft, Anchore Grype, HashiCorp Vault, OWASP ZAP, Snyk
Monitoring tools: Prometheus, Grafana, Loki, ELK(Elasticsearch - Kibana - Logstash)
Machine learning: NLP, LLM, NLTK, TextBlob, TensorFlow, Scikit-learn
GitOps: ArgoCD
BigData Frameworks: Hadoop, Spark
Libraries: Pandas, NumPy, Matplotlib, Seaborn, BeautifulSoup, html.parser

Projects

ChatBot | *Python, Flask, NumPy, NLTK, TensorFlow, Keras, Docker*   **November 2024**

- Implemented a chatbot using **TensorFlow**, **NLTK**, and **Keras**, leveraging a neural network to classify user inputs into predefined intents.
- Utilized an `intents.json` file to define chatbot intents and their corresponding responses.
- Created a user interface to enhance user interaction with the chatbot.
- Dockerized the application for efficient deployment and scalability.

Web Application for Sentiment Analysis | *Python, HTML, CSS, Flask, NLTK, NumPy, SonarQube, GitLab CI/CD Pipeline, Docker, Kubernetes, Prometheus, Grafana*   **November 2024**

- Developed a **Flask** application integrating **NLTK's VADER** Sentiment Analyzer to return sentiment scores from user input.
- Designed and implemented responsive **HTML/CSS** forms for user interaction and results display.
- Configured **SonarQube** for continuous code quality analysis and enforcement of high development standards.
- Set Up **CI/CD Pipeline** to automate testing, building, and deployment using **GitLab CI/CD** and **Docker** for containerization.
- Deployed and managed the application using **Kubernetes**, with **Prometheus** and **Grafana** for performance monitoring.

Experience

THYMSYS Company   **May 2025 – Present**
Training Internship – DevOps Engineer   *Ariana, Tunisia*

- Integrated SonarQube for static code analysis and code quality checks.
- Built Docker images using Jenkins pipelines and pushed them to DockerHub.
- Performed container vulnerability scanning with Trivy.

- Deployed application components to Kubernetes using Minikube.
- Monitored application metrics and performance with Prometheus and Grafana.

Self-Employed   January 2025 – Present
Freelance DevOps Engineer   *Sfax, Tunisia*

- Managing containerized applications with Docker and Kubernetes.
- Implementing Continuous Integration/Continuous Deployment (CI/CD) pipelines with Jenkins and GitLab CI/CD.
- Setting up monitoring tools like Prometheus and Grafana.
- Image Scanning (Before Deployment) using Trivy and Anchore.
- Source code Scanning Using SonarQube.

EXPERT-DEV-SOLUTIONS Company   March 2024 – July 2024
Data Analyst internship   *Sfax, Tunisia*

- Extract Smartphone Data and Reviews from Amazon: We used Python with BeautifulSoup (bs4) and Selenium for scraping smartphone data (name, price, features) and customer reviews from Amazon. The data was stored in CSV files.
- Pre-process and Analyze Reviews: Cleaned the data (handled missing values, removed duplicates) using Pandas, and analyzed the sentiment of reviews using NLTK's sentiment analysis model.
- Developed a web application to visualize the analysis using the Flask framework.
- Implemented a CI/CD pipeline to deploy the web application.

Fogits international SARL Company   March 2022 – May 2022
Developer internship   *Sfax, Tunisia*

- Data collection using Arduino sensors.
- Communication set up between Arduino Uno and Raspberry Pi using ZigBee.
- Development of a real-time data visualization program using C-Arduino.
- Data transfer from Arduino Uno to Raspberry Pi using ZigBee.
- Data transfer from Raspberry Pi to Telemetry platform using Python and MQTT protocol.
- Real-time data visualization using Telemetry's platform dashboard (Thingsboard).

Education

Proservices Training Center   November 2024 – February 2025
DevOps Engineer training   *Online*

Faculty of Sciences of Sfax   2022 – 2024
M.Sc. Degree in System, Network and Cloud Computing   *Sfax, Tunisia*

Faculty of Sciences of Sfax   2019 – 2022
B.Sc. Degree in Computer Systems Engineering   *Sfax, Tunisia*

Certifications

DevOps Engineer   May 2025
Training certification   *Proservices Training Company*

Introduction to DevOps   November 2024
Course completion certificate   *Great Learning Academy*

AWS Cloud Practitioner Essentials   November 22, 2024
Course completion certificate   *AWS*

Amazon Elastic Container Service (AWS ECS)   December 01, 2024
Course completion certificate   *KodeKloud*

AWS CI/CD Pipeline Tutorial   November 2024
Course completion certificate   *Great Learning Academy*

Learning Linux Basics Course & Labs   **September 19, 2024**
Course completion certificate   *KodeKloud*

Kubernetes Certified Application Developer (CKAD) with Tests   **November 06, 2024**
Course completion certificate   *Udemy*

Introduction to Natural Language Processing   **November 2024**
Course completion certificate   *Great Learning Academy*

Sentiment Analysis using Python   **November 2024**
Course completion certificate   *Great Learning Academy*

Introduction to Big Data and Hadoop   **November 2024**
Course completion certificate   *Great Learning Academy*

Languages

- Arabic
- French
- English