HAMMADA BALLALI

SPANISH - RIGHT TO WORK IN THE UK UNDER EU-SCHEME
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Experienced IT professional with a strong background in deploying and managing applications on Windows and Ubuntu servers. Proficient in handling Active Directory and LDAP communications, as well as managing Windows and Linux EC2 instances in AWS. Skilled in monitoring AWS costs and services, and managing IT aspects such as DNS, routing, interfaces, firewalls, security groups, and certificates. Adept at running and rectifying PowerShell and Python scripts, supporting Company SDK use for Android, SWIFT, and .NET, and deploying Docker, Kafka, and Kubernetes. Committed to providing exceptional customer support for troubleshooting application servers and SQL servers. Throughout my Bachelor's and Master's degrees, I have worked on various machine learning projects, focusing on Deep Learning models for classification tasks. Passionate about AI and Cloud engineering, I continually seek to enhance my skills and stay updated with the latest advancements in these fields.

EXPERIENCE

06/2023 - Current
APPLICATION SUPPORT SPECIALIST

ZOLL Medical, Runcorn

- Deploy and install applications on Windows and Ubuntu servers.
- Handle Active Directory and LDAP communications with application servers.
- Manage and monitor Windows EC2 instances for IIS and SQL servers, as well as Linux EC2 instances in AWS hosting various applications.
- Monitor costs and services in AWS.
- Manage IT aspects of servers, including DNS, routing, interfaces, firewalls, security groups, and certificates.
- Customize and run PowerShell and Python scripts.
- Support Company SDK use for Android, SWIFT, and .NET.
- Deploy Docker, Kafka, and Kubernetes.
- Support customers in troubleshooting application servers and SQL servers, as well as monitoring ticketing system in Zendesk and Sa

10/2022 -06/2023
TECHNICAL ASSISTANT

Liverpool Hope University, Liverpool

- Assisted primary mathematics department professors in research by processing and presenting data using Tableau, Power BI, and Excel. Created presentations with PowerPoint to effectively communicate findings.

EDUCATION

07/2023

BACHELOR OF SCIENCE IN COMPUTER SCIENCE, LIVERPOOL HOPE UNIVERSITY

GRADE: 1ST CLASS A+

- Dissertation - Machine Learning: Modelling network disruption in link state and distance vector network simulations
- Coursework - 3D Unity C++: VR shotting game for Meta Quest 2
- Coursework - Machine Learning: Bitcoin and USD/EURO value Prediction A comparative study
- Coursework - MERN stack: MERN stack WEB applicationn Rent A Car Management
- Coursework - LUA: Platform Game

10/2024

MASTER OF SCIENCE IN COMPUTER SCIENCE, LIVERPOOL HOPE UNIVERSITY

GRADE: DISTINCTION

- Dissertation in Deep Learning Model for single ECG classification
- Coursework - Cloud Computing Docker Compose Deployment of Django/React application in AWS.
- Coursework - AI Meta Ensemble Deep Learning Model for Sentiment Analysis
- Coursework - Software Engineering Agile Plan Conception and Design

SKILLS

- Root Cause Analysis
- Technical documents comprehension
- Customer support needs assessment
- Coding
- Salesforce/ Zendesk

- Python/ML/Data Science
- Power BI/ Tableau/ Excel
- Web Development Django/React
- Databases Windows SQL/Mongo Db
- Could AWS/Azure Docker/Kubernetes

LANGUAGES

- Spanish: Native
- Arabic: Native
- English: Advanced C1
- French: Intermediate B1

CERTIFICATIONS

- AWS Cloud Practitioner
- JPMorgan Software Engineering Virtual Experience Program on Forage

LINKEDIN, GITHUB AND WEB PORTFOLIO

- LinkedIn: https://www.linkedin.com/in/hammada-ballali-ebbi-4aa5091ba/
- https://github.com/HammadaBE
- Web Portfolio: www.hammadaballali.com