

AHMED ALI MOHAMED SOLIMAN




+971-507065214 ahmed-3010@hotmail.com ahmedalimsoliman github.com/ahmedamsoliman-1 Abu Dhabi

SUMMARY — Dedicated professional eager to contribute to a prestigious organization, where I can leverage and enhance my diverse skill set, while gaining valuable experience and advancing my career in a dynamic and growth-oriented environment.

TECHNICAL COMPETENCIES

Languages Python, Bash, JavaScript, C++	Networking TCP/IP, DNS, Load Balancers, VPN, VPC
CI/CD Azure DevOps, Jenkins, GitHub Actions	Security OAuth, JWT, SSL/TLS, IAM, SSO
Cloud AWS, Azure, GCP	Scripting Shell Scripting, PowerShell
IaC Terraform, CloudFormation, Pulumi	Web Development Node.js, Express, Nginx, Apache
ML Frameworks TensorFlow, PyTorch, Scikit-learn	Frontend Frameworks React, Angular, Vue.js
Containerization Docker, Kubernetes, ECS, EKS, AKS	Operating Systems Linux, Windows, macOS
Data Engineering Apache Kafka, Apache Airflow, ETL processes	Management Git, Jira, Confluence
Monitoring Prometheus, Grafana	Documentation Markdown, LaTeX
Logging Elastic Stack ELK	Secrets Management HashiCorp Vault, AWS Secrets Manager







RECENT EXPERIENCE

-  **AvroPC Technologies - Senior Software Engineer / MLOps Specialist** **June 2023 - Present**
- Participated in building a Chess Engine with integrated AI capabilities, ensuring efficient deployment of machine learning models using DevOps practices.
 - Led the development of a scalable and resilient Chess platform using NodeJS/React, deployed on AWS using Kubernetes, incorporating ML-driven features.
 - Contributed to multiple AI services across the company, including model training, evaluation, and deployment.
 - Designed and implemented data pipelines for machine learning workflows using Cassandra and Elastic Search, facilitating data extraction, transformation, and loading (ETL) processes.
 - Automated deployment of ML models with Jenkins, improving continuous integration and continuous deployment (CI/CD) for machine learning applications.
 - Enhanced system monitoring and alerting for ML models using Prometheus and the ELK Stack, improving reliability.
 - Tasks included: Coding, testing, model validation, and documentation for deliverables.
 - Technologies used: AWS, Kubernetes, Docker, Terraform, Jenkins, Cassandra, Redis, Prometheus, Grafana, ELK Stack, NodeJS, React, Python, and Bash scripting.
-  **HCL Technologies - Senior Software Engineer** **September 2019 - May 2023**
- Contributed to the Great Voice-to-Meaning platform “Houndify,” focusing on Natural Language Processing (NLP) for Arabic voice recognition and understanding.
 - Developed machine learning models for speech recognition, enhancing the platform’s performance and accuracy.
 - Integrated external data from various sources to enrich Houndify’s knowledge base, improving NLP capabilities.
 - Developed and maintained sub-modules for the Houndify platform, ensuring robust functionality and performance.
 - Tasks included: Coding, testing, model evaluation, and documentation for deliverables.
 - Technologies used: Python, JavaScript, Docker, Kubernetes, Jenkins, C, C++, Lua, Bash scripting.
-  **Omdurman Ahlia University - Infrastructure Engineer** **March 2017 - May 2019**
- Participated in the design and implementation of a new university datacenter, focusing on high-performance computing for research and data science projects.
 - Managed virtualized environments using XenServer, ensuring high availability for data science applications.
 - Developed software solutions for academic research, including data analysis and visualization tools.
 - Automated routine maintenance tasks and patch management using Bash scripting.
 - Participated in disaster recovery planning, enhancing the university’s ability to recover from potential data loss.
 - Provided technical support and training to staff and students on data science and machine learning tools.
 - Technologies used: XenServer, VMware, Python, Bash scripting, automation tools.

EDUCATION

 Kalakla Secondary School	2005 - May 2010
 Omdurman Ahlia University BS.c of Computer Engineering	2009 - May 2014

PROFESSIONAL CERTIFICATIONS

					
2017: British Council IELTS	2022: AWS Certified Cloud Practitioner	2023: AWS Certified Solutions Architect	2020: Udacity C++ Nanodegree	2021: DevOps with AWS	2020: Percipio – HCL Content