

AHMED ALI MOHAMED SOLIMAN


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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++	Scripting Shell Scripting, PowerShell
CI/CD Jenkins, GitHub Actions,	Build Tools Maven, Gradle, Ant
Cloud AWS, GCP, Azure	Service Mesh Istio, Linkerd, Consul
IaC Terraform, CloudFormation, Pulumi	Message Queueing RabbitMQ, Apache Kafka, AWS SQS
Configuration Ansible, Chef, Puppet, SaltStack	Web Development Node.js, Express, Nginx, Apache
Containerization Docker, Kubernetes, ECS, EKS, AKS	Frontend Frameworks React, Angular, Vue.js
Monitoring Prometheus, Grafana	Operating Systems Linux, Windows, macOS
Logging Elastic Stack ELK	Management Git, Jira, Confluence
Networking TCP/IP, DNS, Load Balancers, VPN, VPC	Documentation Markdown, LaTeX
Security OAuth, JWT, SSL/TLS, IAM, SSO	Secrets Management HashiCorp Vault, AWS Secrets Manager

RECENT EXPERIENCE

 **Avrioc Technologies - Senior Software Engineer / DevOps Specialist** **June 2023 - Present**

- Participated in building a Chess Engine using multiple technologies, ensuring efficient integration with DevOps practices.
- Led the development of a scalable and resilient Chess platform using NodeJS/React, deployed on AWS using Kubernetes.
- Contributed to multiple AI services across the company, ensuring seamless integration and deployment.
- Implemented data pipelines: Designed and implemented data pipelines using between Cassandra and Elastic Search.
- Optimized data storage and retrieval processes using NoSQL databases like Cassandra and Redis, ensuring scalability, performance, and reliability for handling diverse data sets across the Chess Engine and AI services infrastructure.
- Automated deployment processes with Jenkins, improving release management and reducing manual intervention.
- Enhanced system monitoring and alerting using Prometheus, and ELK Stack, improving system reliability and uptime.
- Tasks included: Coding, testing, release, and documentation for deliverables.
- Technologies used: AWS, Kubernetes, Docker, Terraform, Jenkins, Cassandra, Redis, Prometheus, Grafana, ELK Stack, NodeJS, React, C++, Python, JavaScript, and Bash scripting.

 **HCL Technologies - Senior Software Engineer** **September 2019 - May 2023**

- Contributed to the Great Voice-to-Meaning platform “Houndify” to support Arabic voice recognition and understanding, focusing on Natural Language Processing for Modern Standard Arabic.
- Built several detailed domains for the platform for car control and knowledge domains.
- Integrated and conditioned external data from different data providers to expand Houndify’s knowledge.
- Developed and maintained multiple sub-modules for the Houndify platform, ensuring robust functionality.
- Conducted extensive testing, debugging, and optimization of the platform’s backend systems.
- Tasks included: Coding, testing, release, and documentation for deliverables.
- Technologies used: C, C++, Python, JavaScript, Lua, Bash scripting, Docker, Kubernetes, Jenkins.

 **Omdurman Ahlia University - Infrastructure Engineer** **March 2017 - May 2019**

- Participated in the design and implementation of a new university datacenter, network and infra deployment.
- Managed virtualized environments using XenServer, ensuring high availability and performance of university systems.
- Developed and maintained software solutions for university systems, including student systems, KOHA.
- Configured and monitored network security measures, including firewalls and intrusion detection systems.
- Automated routine maintenance tasks and patch management using Bash scripting.
- Participated in disaster recovery planning and drills, enhancing the university’s ability to recover from potential data loss.
- Provided technical support and training to staff and students, ensuring efficient use of university IT resources.
- Maintained documentation of IT infra, policies, and procedures to ensure compliance and facilitate troubleshooting.
- Technologies used: XenServer, VMware, firewalls, intrusion detection systems, and automation and scripting tools.

EDUCATION

 **Kalakla Secondary School** **2005 - May 2010**

 **Omdurman Ahlia University** **2009 - May 2014**
BS.c of Computer Engineering

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