hmed 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

Cloud Self-Cloud, AWS, Azure

Languages Python, C/C++, JavaScript, Lua, Bash Web Dev CSS, React, Angular, NodeJS, Express

SQL MySQL, PostgreSQL, SQLite

NoSQL MongoDB, Cassandra, Elasticsearch

Caching Redis, Memcached

Queueing RabbitMQ, Apache Kafka, AWS SQS

Testing Pytest, Selenium, JUnit, TestNG, Inspec

Big Data Apache Kafka, Spark

DevOps CloudFormation, Ansible, Terraform

Monitoring Prometheus, Grafana, ELK Stack

Version Control Git, GitHub, GitLab Management Jira, Confluence

OSs Linux, Windows, macOS

Networking TCP/IP, DNS, Load Balancers, VPN Security OAuth, JWT, SSL/TLS, SSO, IAM

AI/ML TensorFlow, PyTorch, Scikit-Learn, Pandas

Containerization Docker, Kubernetes, ECS, EKS

CI/CD Jenkins, GitHub Actions

Documentation Markdown, LaTeX

RECENT EXPERIENCE



Avrioc Technologies - Senior Software Engineer

June 2023 - Present

- Participate in building Chess Engine using multiple technologies
- Lead building Chess platform using NodeJS/React
- Contributing to multiple AI services across the company
- Implemented Data Pipelines: Designed and implemented data pipelines using technologies such as Apache Kafka and AWS Kinesis to ingest, process, and analyze large volumes of data efficiently for real-time insights and reporting.
- Optimized Data Storage and Retrieval: Optimized data storage and retrieval processes by leveraging NoSQL databases like Cassandra and Redis, ensuring scalability, performance, and reliability for handling diverse data sets across the Chess Engine and AI services infrastructure.
- Tasks included: Coding, Testing, Release and Documentation for deliverables.
- C++, Python, JavaScript, and Bash scripting.
- AWS, ElasticSearch, Cassandra, RabbitMO, Jira, Git, Jenkins, Cassandra, Redis and Kubernetes

HCL Technologies - Senior Software Engineer

September 2019 - May 2023

- Contribute in Great Voice-to-Meaning platform "Houndify" to support Arabic voice Recognition and Understanding and Natural Language Processing for Modern Standard Arabic.
- Building several detailed domains for the platform for Car control and Knowledge domains targeting specific type of queries and conversations.
- Integrate and conditioning external data from different data providers to expand Houndify knowledge and performance.
- Deploy multiple different sub-modules for Houndify platform including testing and release management for the deliverables updates and the new functionality.
- Tasks included: Coding, Testing, Release and Documentation for deliverables.
- C, C++, Python, JavaScript, Lua and Bash scripting.

Omdurman Ahlia University - Computer Engineer

March 2017 - May 2019

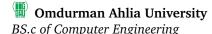
- Managed virtualized server environment for University data center.
- Configured monitoring tools to track system performance and troubleshoot issues proactively
- Participated in disaster recovery planning and drills to ensure business continuity in case of emergencies
- Configured and monitored network security measures, including firewalls and intrusion detection systems
- Streamlined patch management process, reducing vulnerabilities and downtime
- Maintained documentation for IT policies and procedures
- Coordinated responses to cybersecurity incidents with internal teams and external vendors

EDUCATION

New Kalakla Secondery School

2005 - May 2010

2009 - May 2014



PROFESSIONAL CERTIFICATIONS













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

2020: Percipio – **HCL Content**