

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, R, SQL, Scala, Java	Cloud AWS, Azure
Big Data Hadoop, Spark, Kafka	DevOps/DataOps Docker, Kubernetes, Kubera
Data WH Redshift, BigQuery, Snowflake	Data Lakes AWS S3, Azure Data Lake, HDFS
Database MySQL, PostgreSQL, MongoDB, Cassandra	ETL Tools Apache NiFi, Talend, Informatica, AWS Glue
Processing Pandas, Dask, Apache Beam	Management Git, Jira, Confluence
Visualization Elasticsearch ELK, Power BI	OSs Linux, Windows, macOS
ML Scikit-Learn, TensorFlow, Keras, PyTorch	Documentation Markdown, Jupyter Notebooks, LaTeX
DL TensorFlow, Keras, PyTorch	APIs REST, GraphQL
NLP NLTK, SpaCy, Gensim, Transformers	Security OAuth, JWT, SSL/TLS, IAM







RECENT EXPERIENCE

-  **avr Technologies - Senior Data Engineer** June 2023 - Present
- Led the design and implementation of data pipelines using Apache Kafka and AWS Kinesis, supporting real-time data ingestion, processing, and analysis.
 - Developed and optimized data storage and retrieval processes using NoSQL databases like Cassandra and Redis, ensuring scalability, performance, and reliability for diverse data sets.
 - Participated in building a scalable Chess platform, integrating AI services for real-time analytics and user interactions.
 - Collaborated with data scientists to deploy machine learning models, ensuring seamless integration and performance.
 - Automated data workflows and deployment processes using Jenkins, improving efficiency.
 - Monitored and analyzed system performance using Prometheus, Grafana, and ELK Stack, proactively addressing issues to ensure data integrity and availability.
 - Conducted extensive data analysis using Python and Pandas, providing actionable insights.
 - Tasks included: Coding, testing, release, and documentation for deliverables.
 - Technologies used: AWS, Apache Kafka, AWS Kinesis, Cassandra, Redis, Prometheus, Grafana, ELK Stack, Jenkins, GitHub Actions, TensorFlow, PyTorch, Python, Pandas, NodeJS, React.
-  **HCL Technologies - Senior Software Engineer** September 2019 - May 2023
- Contributed to the Great Voice-to-Meaning platform Houndify by adding Arabic voice recognition and NLP capabilities.
 - Developed and maintained detailed domains for the platform, targeting specific queries and enhancing the platform's understanding of Modern Standard Arabic.
 - Integrated external data sources, improving the platform's knowledge base and performance.
 - Collaborated with data engineers and scientists to deploy NLP models, ensuring high accuracy and performance.
 - Implemented CI/CD pipelines using Jenkins, streamlining deployment processes and maintaining system stability.
 - Conducted data analysis and model evaluation, using Python and related tools to refine and optimize NLP models.
 - Tasks included: Coding, testing, release, and documentation for deliverables.
 - Technologies used: C, C++, Python, JavaScript, Lua, Bash scripting, Docker, Kubernetes, Jenkins, Python, NLP tools.
-  **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
 - Coordinated responses to cybersecurity incidents with internal teams and external vendors

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