**Ala-Eddine Karib**

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**Personal Statement**

Results-oriented with a proven track record of successful project facilitating the day-to-day development of real-time analytics products. Responsible for translating product management and customer requests into actionable development requirements and making sure that those requirements are adequately addressed in the final product. Worked closely with the Product Management team to manage the product lifecycle, provided technical recommendations to key stakeholders, and is instrumental in delivering projects on time and on budget.

**Core Qualifications**

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| * Documentation of functional and technical requirements / UML * Data Governance and Cloud migration * ETL and data warehouse * Scripting & Query Languages: UNIX Shell scripting, SQL and PL/SQL, XML. * Programing languages: Python | * Stakeholder management. * Data Quality Assurance * Regulatory implementation: FRTB, EMIR, SFTR, MiFID * MX3 Integration ( workflow interfaces) * Financial Markets * MS 365 applications (SharePoint) |

**Courses**

Certificate Databricks Lakehouse

Udemy: Data Modeling in Python

IBM: Application Developer - Mastery Award for Students 2017

AWS: Big data

Oracle: SQL Programing

**Work Experience**

**Position**, 06/2021 – Present

**Company** – ***London Stock Exchange Group***

**PO/Senior Technical BA**

* Worked on maintaining product backlog for various data onboarding initiatives within capital markets, index refactoring, Equity derivatives, regulatory implementation FRTB SA/IMA.
* Closely collaborating with Product Owners, Tech Lead, Squad Members and Architect to ensure consistency across the product, components and dependencies.
* Tracked and maintain project plans, the status of deliverables and the RAID log; Manage project risk, issues, assumptions and dependencies with a strong focus on ensuring there are clear owners and resolution dates
* Led technical requirements gathering for various data sets across capital markets, drafting UML diagram, translating into user stories, and building project backlogs based Agile methodologies.
* Acted as key contact between business and software development answering questions from developers related to business and product, or helping business conclude requirements by supporting on questions about how the product technically work.
* Supported the Markets Business Management in the preparation of risk Assessments, risk inventory maintenance, control performance monitoring.
* Worked on testing in SIT, UAT and PROD, confirming the impact assessment for post deployment.
* Performed API testing via SOAP UI for SOAP API, swagger APIs or web APIs that are based on microservices.
* Documented end to end ETL and data ingestion process, functionally and technically as well as created data flow diagrams that represents data flow from vendors, ingestion and distribution downstream

**Company** – UBS

**Senior Technical BA**

* Worked on Data ingestion initiatives for regulatory reporting performing both functional and technical analysis, design and documentation to help conclude requirements based on waterfall approach.
* Supported Remote Booking Administrator in the Remote Booking Authorisation Management, Governance and Control Execution as well as in senior management and regulator update preparation.
* Worked on documenting the data engineering process and helped with building a knowledge base around the end-to-end system design to help system analysis
* Worked closely to senior stakeholders, program manager and tech lead to help answering questions within planning and system design phase.
* Worked on creating BRDs and collaborated with tech lead to create SRSs for stakeholder’s sign off.
* Coordinated closely with relevant stakeholders during the system development and reported status to stakeholders during SIT, UAT and PROD.
* Performed testing as described by testing manager, performed iterative testing and batch processing across data ingestion results, outputs files, automated execution, checked logged and ensured defects are checked and the system works as expected.
* Helped with strategic initiative to migrate data ingestion to cloud by setting up cloud session, environment and test tools in azure cloud and help creating knowledge base across azure cloud migration.

**Position**, 06/2015 – 05/2018

**Company** – ALTEN

**Data Engineer**

* Worked as data engineer developing data applications in oracle database, Apache spark and Informatica PowerCenter.
* Performed analysis and design to migrate data ingestion pipelines from Informatica PowerCenter to Apache spark, tested data distribution process and checked output in Hive
* Tested data ingestion, deployment and configuration in Jenkins as part of DevOps integration initiative.
* Work on POC's to perform change data capture (CDC) and Slowly Changing Dimension in HDFS using Spark and Delta
* Developed generic store procedures using PL Sql to transform and ingest transactional tables data into Snowflake relational tables
* Responsible for Performance tuning Spark Scala Batch ETL jobs by changing configuration properties and using broadcast variables.
* Worked on Batch processing for History load and Real-time data processing for consuming live data on Spark Streaming using Lambda architecture.

**Position**, 06/2013 – 05/2015

**Company** – Hitachi Data Systems

* Designed/Developed table-driven ETL process with Perl and shell scripts, which in turn calls OWB mappings, Informatics oracle code to load EDW
* Created Power BI reports by using Joins in multiple tables from multiple databases using complex SQL queries
* Designed a Power BI data model with multiple fact tables and dimensions depending on the business requirements
* Hands-on experience working with SSIS, for ETL process ensuring proper implementation of event handlers, loggings, checkpoints, transactions, and package configurations
* Designed high-level ETL architecture for overall data transfer from the source server to the enterprise services warehouse
* Worked in creating complex stored procedures, SSIS packages, triggers, cursors, tables, views, and other SQL joins and statements for applications
* Gathered data and visual requirements from business users to deliver effective reports, dashboards, and analytics

**Education**

**Degree Obtained**: Bachelor in Business and Finance, 2012

**Institution Name** – University of Sunderland