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**NISCHAL FREDRIC KOREKA**

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PROFESSIONAL SUMMARY

* Over 17 Years of professional experience in Leading Projects, application software design, Development testing and maintenance.
* **AWS Certified Cloud Practioner**
* Experience in and Message Oriented Middleware Architecture using IBM WebSphereMQ/MFT, SSL/TLS, WebSphere/MQSI/WMB/IIB/, Websphere Application Server,Tomcat, WebLogic, Jboss,Data Power, Apache, Linux,Unix, and Windows.
* Kafka
* AWS: EC2, Lambda, ECS, SQS, SNS, S3, CloudFront, CloudFormation, Kubernetes, Dockers.

GitHub, XL-Deploy. ELK, Prometheus, and Grafana

* Experience with MQ Base Java and MQ APIs for connecting MQ Objects.
* Experience in Working with MQ Clustering.
* HP ITIL Tools: HP UCMDB 8.0, 9.01, HP Service Manager 7.11,9.20, ITIL Service management like Incident, Problem and Change Processes.
* Extensive in-depth knowledge in C, C++, UNIX SHELL, PowerShell, PYTHON, PERL, Java/.Net and their development on UNIX and Windows.
* Experience in developing applications using Internet Technologies like FrontPage, Dream Weaver, Flash, Image Composer, HTML, Java Script, AWT, Swings, Multi-Threading, Java2D, Servlets, JDBC, JSP, Beans, EJB, RMI, CORBA, JMS, Web logic, Web Sphere, XML, SOAP and MS office (Word, Excel, Access and PowerPoint).
* Experience with Container Orchestration services including Docker and Kubernetes
* Experience in Networking, TCP/IP socket programming, UNIX Shell scripting, CGI with Perl and C.
* Experience with 24/7 defect tracking (Scaling and Failover) and reporting using MQ Series, Kafka
* Experience in UNIX and Middleware (MQ & Tomcat)
* Agile methodology and tools – Scrum, Kanban, Jira, etc.
* ServiceNow, Power BI & JIRA

**TECHNICAL SKILLS**

Operating Systems: Sun Solaris, HP-UNIX, Linux, OS/390 (MVS) and Windows, XP, 2008 etc.,

**Languages**: Java2/ J2EE, C, C++, Power shell, Python, Unix shell, SQL, PL/SQL, WTX.

**Applications:** MQ-Series 5.1/ .2/5.3/6.0/7.0 /7.5/8.0/9.0(WMQ), MQSI 2.0.1/2.0.2, WMQI, WBI, WBIMB6.0,7.0, IIB10, MQ-Series Java, MQ-Series JMS,Tomcat,JBOSS,Weblogic, Data Power XB60 for B2B,XI50 for Integration Appliances and Tivoli.

###### **RDBMS**: Oracle 8.x, Oracle 7.X, DB2, Sybase 11 and MSSQL Server 7 and MS Access.

###### **Scripting Languages:** HTML, DHTML, XML, Unix Shell Scripting, Perl5 and Python.

**GUI**: Flash4.0, Developer 2000, Visual Basic.

**Web/Application Servers**: Web Engineering Unix including WebSphere, WebLogic, Apache Tomcat,

IIS, SharePoint & SharePoint Administration technologies

Document Control & Archiving and Records Management

IIS, Web methods:

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Protocols: TCP/IPV4, FTP, SMTP, POP and HTTP.

**Tools:** Service Manager

**Monitoring Tools: -** BMC Patrol, Service Engine, Prometheus, Grafana

**PROFESSIONAL EXPERIENCE:**

### LPL Financial (through TEKsystems) August 2022 – Present

**Middleware Cloud Engineer/Site Reliability Engineer**

* Oversee administration, and infrastructure management of medium to complex sized middleware environment in the functional portfolio to deliver on intended outcomes.
* Identify dependencies, evaluate risks, and communicate status to appropriate levels of management and stakeholders
* Responsible for managing and maintaining all of LPL Financials Middleware Applications (i.e. Confluent Kafka, AWS MSK, Elastic Search, Grafana, Prometheus

**PRINCIPAL DUTIES AND RESPONSIBILITIES**:

* Kafka Engineer/Architect - design, perform POC where needed and develop enterprise’s Apache Kafka Distributed Messaging and Integration Ecosystem.
* Solid experience and knowledge in the deployment of Kafka (Apache/Confluent Physical Deployment across multiple environments
* Optimization and Tuning based on performance metrics
* Setup best practices, Standards, Patterns Development and automate process for onboarding.
* Developed playbooks for troubleshooting and support teams
* Designed monitoring solutions and baseline statistics reporting to support the implementation
* Leading and Performing middleware software installation and configuration based on industry best practices

### American Century Investments/TCS (through IDC Technologies) January 2021 – June 2022

**Senior Middleware Specialist/Architect**

* Responsible for managing and maintaining all American Century Investments Middleware Applications (i.e., Confluent Kafka, AWS MSK, Elastic Search, Grafana, Prometheus, Cloud Watch IBM WebSphere MQ9.x in Linux, Solaris, Windows TIBCO, TLS/SSL Provide subject matter expertise around specific middleware technologies.

**PRINCIPAL DUTIES AND RESPONSIBILITIES**:

* Kafka Engineer/Architect will design, perform POC where needed and develop enterprise’s Apache Kafka Distributed Messaging and Integration Ecosystem.
* Solid experience and knowledge in the deployment of Kafka (Apache/Confluent Physical Deployment across multiple environments
* Optimization and Tuning based on performance metrics
* Setup best practices, Standards, Patterns Development and automate process for onboarding.
* Developed playbooks for troubleshooting and support teams
* Designed monitoring solutions and baseline statistics reporting to support the implementation
* Leading and Performing middleware software installation and configuration based on industry best practices.
* Responsible for implementing all middleware security according to American Century’s Security Policies in accordance with industry best practices.
* Installing and setting up of Kafka Version 2.X, Zookeeper, and Kafka services and creating Broker Clusters.
* Creating and maintaining Partitions, Topics, Offsets.
* Setting up SSL for Kafka.
* Working with users for IAM roles on Kafka objects.
* Migrating to Kafka
* Working on migration of Confluent Kafka to AWS MSK.
* Writing APIs to connect to AWS MSK using MuleSoft, Python, Restful API using CURL
* Lead and being Responsible and participate in design sessions and collaborate with our development and Infrastructure planning teams in the design of middleware software.
* Responsible for resolving middleware infrastructure related issues.
* Responsible for performing complex systems design and analysis around middleware implementation.
* Responsible for supporting middleware on multiple platforms (Windows, Unix (AIX) and Linux).
* Responsible for writing documentation to support middleware infrastructure.
* Responsible participating in middleware projects.
* Resolving issues in an efficient, effective, and professional manner.

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### Mizuho’s Bank, Ltd (through EDPSI) June 2020 – December 2020

**Middleware Specialist**

* Responsible for managing and maintaining all of Mizuho’s Bank, Ltd Middleware Applications (i.e. IBM WebSphere MQ, IBM IIB (Integration Bus), TLS/SSL Provide subject matter expertise around specific middleware technologies related to Mizuho Bank.
* Perform middleware software installation and configuration based on industry best practices.
* Responsible for Supporting, performance tuning and maintenance of middleware software for Mizuho Enterprise Infrastructure.
* Responsible to participate in design sessions and collaborate with our development and Infrastructure planning teams in the design of middleware software.
* Responsible for resolving middleware infrastructure related issues.
* Responsible for performing complex systems design and analysis around middleware implementation.
* Responsible for supporting middleware on multiple platforms (Windows, Unix (AIX) and Linux).
* Responsible for writing documentation to support middleware infrastructure.

### NJM INSURANCE April 2014 – June 2020

**Senior Middleware Specialist**

* Architecting and doing POC’s in IBM MQ 9.0(LTS) in AWS environments, Installing, Configuring, Creating, Testing.
* Setting up High Availability environment for MQ 9.0 (LTS) with IBM Application servers, People soft, Java applications like TOMCAT, JBOSS, Apache, .Net, Guidewire applications.
* Working with Java developers and integrating MQ and setting up the apps to properly use the queue managers and queues.
* Working with developers when related Java, People Soft, dot net and MQ issue happen when integrating and owning the issues to fix for the smooth process.
* Suggesting the developers to use the correct code for the MQ Open/Close queue connections and putting and getting of messages using the Java code.
* Working with developers for Get/Put messages in queues using the Security.
* Working as liaison between Different app owners like Guidewire, ESB, Dot-net, People Soft and Business.
* Clustering the environments and maintain the High availability Architecture and load balancing.
* Capacity planning of the server, based on the PVU’s and saving licenses.
* Providing statistical analysis of messages on each queue to management.
* Providing software support for IBM WMQ in large Windows.
* Involved in Continuous integration, Continuous Deployment, Continuous Testing, Continuous Operations and doing that process using Xl-Deploy and XLR.

### NJM (through Cloudeeva Inc July 2013 - March 2014

**Senior Middleware Administrator**

### Ford Motors (through Epitec Inc) February 2013 – June 2013

### Senior Middleware/ITIL Administrator

**Volkswagen (through Compuware Corporation) January 2008 – February 2013**

### Senior MQ/Message Broker Administrator, Developer

State of Michigan (through Triton Information Technologies) April 2006 – December 2007

**WMQ/WMQI Senior Administrator.**

**EDUCATION**:

MBA Finance, University of Northern Virginia, Manassas, Virginia, US (Distant Education)

4 Year Advanced Diploma in Computer Science & Engineering, Siva Sivani Educational Society’s, Priyadarshini college of Computer Sciences. (India)