**A close up of a sign

Description automatically generatedMANOJ REDDY**

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**PROFESSIONAL SUMMARY:**

* Have 7+ Years of experience in IT and 6 years' experience in Splunk 6x 7x product, Distributed Splunk architecture and components and other APM tools.
* Experienced in creating **Reports**, **Alerts**, and **Dashboards** by Splunk Search Processing Language (SPL), creating and running Cron Jobs for scheduled tasks.
* Used Splunk forwarders to provide reliable and secure collection and delivery of data to the Splunk platform for indexing, storage, and analysis.
* Extensive experience in deploying, configuring, and administering **Splunk IDX and SH Clusters**.
* Created and Managed **Splunk DBConnect** Identities, Database Connections, Database Inputs, Outputs, lookups, access controls.
* Onboard Data into Splunk over HTTP using **HTTP Event Collector (HEC)**.
* Develop custom app configurations (deployment-apps) within Splunk to parse, index multiple types of log format across all application environments.
* Developed and innovated custom Splunk measurement applications, varying engineering models and proactive performance reports to assist senior management in making business critical decisions.
* Experienced in preparing, arranging, and testing Splunk search strings and operational strings.
* Ingesting and working with various data types like **CSV, JSON, XML, Raw Logs, Syslog** and parsing them with custom sourcetypes.
* Involved in writing complex **IFX**, **Rex** and **Multikv** command to extracts the fields from the log files.
* Experience in creation of **Tableau** Data Extracts with high performance.
* Experience in configuration of report server and report manager scheduling, give permissions to different level of users in **SQL Server Reporting Services(SSRS).**
* Experience in writing **UNIX Shell scripts** for various purposes like file validation, automation of **ETL** process.
* Expertise in all the phases of **SDLC** using different methodologies like **Agile, Waterfall.**
* Extensive knowledge of **BI** and **Data Warehousing concepts**, **Dimensional Models**.
* Expertise with scheduling and monitoring jobs using SQL Server Agent to perform hourly/daily/monthly data loads.
* Sound knowledge of relational & dimensional modeling techniques of data warehouse concepts, the **Star** &**Snowflake** schemas, **SCD**, **OLAP, OLTP**, **Normalization /Denormalization**.
* Self-motivated and possess ability for critical thinking, analysis, good interpersonal and communication skills. Team-oriented, technically motivated, and creative.

**TECHNICAL EXPERTISE:**

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| --- | --- |
| **Monitoring Tools** | SPLUNK 7.X.X, SPLUNK 6.5, Dynatrace App Mon, Dynatrace SaaS, AppDynamics. |
| **Data**  **Warehousing** | SQL Server Management Studio (SSMS), Enterprise Manager, Query Analyzer, SQL Profiler. |
| **Data Analysis** | Business Rules, Data modeling, Data Warehousing, system integration. |
| **Data Modeling** | Star Schema, Snowflake, FACT-Dimensions,ER models, OLAP, OLTP concepts. |
| **Databases** | Microsoft SQL, Oracle Database, IBM DB2, MySQL and Postgress DB. |
| **AppApplication/Webservers and Technologies** | LogiWebLogicServer 11g/10.x, JBoss 7.x, SOAP, RESTful. |
| **Programming** | SPL, SQL, SQL Plus, Unix Shell Scripting, Perl, XML, HTML, C, Java, and Python. |
| **OS** | Windows, Linux, Unix. |

**PROFESSIONAL EXPERIENCE:**

**Mastercard, O’Fallon, Missouri.**

**Duration: April 2018 – Till Date**

**Role: Splunk Developer/Admin**

**Responsibilities:**

* Managed Splunk environment across all types of environments and regions. Troubleshooting the day-to-day issues across the platform.
* Designed/planned on Splunk Infrastructure and Scaling infrastructure by identifying gaps to manage **Splunk** and **Dynatrace** within the environment.
* Created **Knowledge Objects, Roles, pivots, advanced searches, reports** and **visualizations** for the application teams and business executives.
* Created **dashboards, field aliases, lookups, calculated fields, field extractions using regex, tags** and **event types**.
* Created and managed **alerts** for application teams and business executives
* Created and managed configuration files like **inputs, props, transforms**and **lookups**.
* Created inputs to pull the data from **application servers** and **data bases**.
* Created Splunk apps for consumer data for applications and implementing and configuring apps. Installed **Splunk apps** and **add-ons.**
* Installed and managed **forwarders, indexers, search heads** to collect and analyze data.
* Add and configure **index** and **source types** to identify the data.
* Onboard Data from **PCF** applications into Splunk.
* Document Procedures and Solutions on **confluencepages** for Identified issues across the platform for own internal teams.
* Worked on **Native DB project** and managed to get all Databases across all environments logging into Splunk replacing Guardium IBM.
* Managed DynaTrace servers and Troubleshoot root cause of application performance. Created and managed Dynatrace incidents.
* Installed and configuredDynaTrace Server, DynaTrace collector and DynaTrace agents.
* Created**system profiles** and **map agents**.
* Created Dynatrace measures, dashboards, and charts.
* Performed**memory** and **thread diagnostics** using Dynatrace.
* Customized applications to work with Dynatrace **User Experience Management**.

**Environment:**Splunk Enterprise 7.0.7, 6.5, Dynatrace App Mon, DynaTrace SaaS, Universal Splunk forwarder, Splunk DB connect, HEC, PCF, JBoss 7.x, Oracle, MS SQL, Postgress, Regular expressions, Windows, UNIX, UNIX shell scripting, XML, Microsoft Active Directory, LDAP, Splunk App for Enterprise Security (ES), putty, CyberArk, SVN, BIT BUCKET (GIT), Fusion Confluence, Rally ALM ( KANBAN ).

**Progressive Corporation, Mayfield, Ohio.**

**Duration: April 2016- April 2018**

**Role: Splunk Developer/Admin**

**Responsibilities:**

* Installed, Configured and Administrated **Splunk Enterprise** and **Splunk Forwarders** on **Windows** Servers and **Linux** Servers.
* Involved in standardizing Splunk forwarder deployment, configuration and maintenance across UNIX and Windows platforms.
* Developed Splunk **Search Processing Language (SPL)** queries, created **Reports**, **Alerts** and **Dashboards** and customized them. Implemented Dynamic **Drilldowns** that provide greater flexibility to the end user.
* **Field Extraction:** Using **IFX, RexCommand** and **REGEX** in configuration files, knowledge of **EXTRACT** keyword.
* Created various search commands like Chart, Time Chart, Strptime, Strftime, Eval, Table etc.
* Created field aliases across application events and time modifier conversion commands.
* Setup **SSL certificates** in various Splunk servers (Indexers, Search Heads, Management Servers).
* Worked on installing **Splunk UF** and **Heavy Forwarders** to bring any kind of feeds from different application servers into Splunk.
* Provide Regular support guidance to Splunk project teams on complex solution and issue resolution.
* Work closely with Application Teams to create new Splunk dashboards for Operation teams.
* Created Dashboards for different application teams in organization and worked on creating different Splunk Knowledge objects like **Macros, IFX, Calculated fields, Tags, Event Types** and **Look ups**.
* Extensive knowledge in writing the scripts to automate the tasks in Linux environment.
* Integrated the logs of Network Devices, Switches and Routers using the Network protocols like **UDP/TCP**.
* Onboard new log sources with log analysis and parsing to enable SIEM correlation.
* Used on **Dynatrace** tool for Client Servers performance Check and is Programs Running on Premises in the Cloud Splunk configuration that involves different web application and batch.
* Integrated and configured logs from different data sources like Windows, Linux/AIX, Application, Security, Network Devices, and servers.
* Worked with Splunk app for Enterprise Security to identify and address emerging security threats using continuous monitoring, alerting and analytics.
* Installed, configured, and manage Splunk **Enterprise Security.**
* Monitored security posture and security incidents regarding that trending outside and inside threat vectors.
* Consolidating analysis of suspicious Splunk data security event logs (Windows Defender, AppLocker, Audit Events).
* Created **Shell Scripts** to install Splunk Forwarders on all servers and configure with common configuration files such as Bootstrap scripts, Outputs.conf and Inputs.conf files.
* Worked with administrators to ensure Splunk is actively and accurately running and monitoring on the current infrastructure implementation.
* Conducted and automated Splunk configuration files such as Props.conf, transforms.conf.

**Environment:**Splunk Enterprise, Splunk 6.2.x, 6.3, 6.5, JBoss 7.x, Dynatrace, Universal Splunk forwarder, Splunk Db connect, Oracle, MS SQL 2008, Regular expressions, Windows, UNIX, UNIX shell scripting, XML, Microsoft Active Directory, Splunk App for Enterprise Security (SIEM).

**ZeniMax Media,Rockville, Maryland.**

**Duration: Feb 2015 – March 2016**

# Role: SplunkAdministrator

**Responsibilities:**

* Created Splunk **Search Processing Language (SPL)** queries, Reports, Alerts, and Dashboards.
* Troubleshooting and resolve the Splunk - performance, search poling, log monitoring issues; role mapping, dashboard creation etc.
* Established indexes and retention policy of buckets; developed user roles to complement operational and security utilization. Set-up common sourcetypes using pre-trained datasets and constructed sourcetypes of unique data.
* Created **Regular Expressions** for Field Extractions and Field Transformations in Splunk.
* Assisted internal users of Splunk in designing & maintaining production-quality dashboard, assisted offshore team to understand the use case of business and provided technical services to projects, user requests & data queries
* Installed and configured different **Splunk apps** and **add-ons** on Splunk platform.
* Scripted SQL Queries in accordance with the Splunk.
* Splunk technical implementation, planning, customization, integration with big data.
* Knowledge about Splunk architecture and various components (indexer, forwarder, search head, deployment server), Heavy and Universal forwarder, License model.
* Splunk configuration that involves different web application and batch, create Saved search and summary search, summary indexes.
* Worked on log parsing, complex Splunk searches, including external table lookups.
* Use techniques to optimize searches for better performance, Search time vs Index time field extraction. And understanding of configuration files, precedence and working.
* Responsible for administering, maintaining, and configuring a 24 x 7 highly available, Splunk apps for production portal environment.
* Worked on configuration files inputs.conf, indexes.conf, props.conf, serverclass.conf, transforms.conf and limit.conf.
* Upgrading and Migrating the Splunk Components and setting up the Retention Policy for the indexes.
* Configuring **LDAP** and Single Sign-On for User Authentication in the organization.
* Configured Splunk for all the mission critical applications and using Splunk effectively for Application troubleshooting and monitoring post go lives.
* Worked Directly with Splunk Inc sales team in determining Log size and licensing cost for the client's Infrastructure.
* Parsed, Indexed, Searched concepts **Hot, Warm, Cold, Frozen** bucketing.
* Supported **HTTP** methods following the **REST API** subsets including the **CURD** operations like the **GET, POST,** and **DELETE** to return a HTTP status code to indicate the success of the operation or cause of a failure to fulfill the request.
* Used**cURL** and **REST** client browser plugins to exercise the API by using the curl command.

**Environment:** Splunk 6.3, Splunk 6.2, Unix, Linux, SQL server, XML, Web Services, Splunk DB connect 2.2, Unix, Oracle 11g, Service Now, MS SQL Server 2012, SQL server, Python Scripting.

**Prudential Financial, Newark, NJ.**

**Duration: Dec 2013 - Nov 2014**

# Role: SQL BI Developer/ Splunk Developer

**Responsibilities:**

* Created **SSIS** packages to load robust data from heterogeneous data sources like **Oracle**, **DB2**, **Flatfiles** to SQL server.
* Configured and deployed SSIS packages from test to production environments.
* Scheduled jobs to run on daily and weekly basis using SQL Server Agent.
* Generated reports using **SSRS** that were used to send information to different vendors, clients, and mangers.
* Added subscription and Snapshot options to deliver the reports to end users.
* Created **ETL** packages using Heterogeneous data sources (DB2, ORACLE and Flat Files etc.) and then loaded the data into destination tables by performing different kinds of transformations using SSIS.
* Used SSIS package to load data from different platforms such as **CSV, XML, Flat file,** and **Excel.**
* Created various types of reports such as sub reports, parameterized, Tablix and Matrix using SQL server Reporting Services.
* Experience in using SQL server reporting Services (SSRS) and creating various reports such as **Sub Reports, Parameterized, Cascading, Tabular, Matrix, Chart,** and **Drill down** reports.
* Used **For** loop, sequence container, execute SQL task, send mail task to achieve business requirements.
* Created deployment utility to deploy SSIS packages over Production, Prod support and QA environments.
* Used Event Handlers for Custom Logging using Store Procedures for various events (On Warning, On Pre-and Post-Execution, On Task Failed etc.)
* Wrote complex SQL Queries using multiple joins for creating Ad hoc reports using Report Builder based on the requirements.
* Monitored the system performance using **Splunk** and created daily and weekly dashboard reports.
* Scheduling regular meeting with developers and QA team for the planned releases.
* Resolving real time issues which are of critical business impact to the customer.
* Designed, implemented, and tuned jobs using PL/SQL.
* Developed **Bash Shell scripts** to automate repetitive tasks.
* Worked on bug fixes, enhancements, and data changes.
* Improved the performance of the application by rewriting the SQL queries.
* Partitioned the tables and created views to enhance the performance.
* Developing PL/SQL Packages, Procedures, functions in line with Business Requirements.
* Conducted multiple trainings in Splunk and PL/SQL at unit level.
* Coordinated with offshore team on multiple tasks to ensure on time quality deliverables.
* Performance tuning for long running queries using explain plan, hints, and indexes.

**Environment:** SQL Server 2008 R2, SQL Server 2008, SQL Server Data Tools, SSIS, SSAS, SSRS, Windows7,Oracle 11g, UNIX Shell Scripting, PL\SQL, Linux, Splunk 6.0.

**Andhra Bank, Hyderabad, India.**

**Duration: May 2012 – Aug 2013**

**Role:SQL Server Developer/SSRS**

**Responsibilities:**

* Managed database objects like stored procedures, views, tables etc.
* Optimized queries that were taking long time to display desired result set.
* Created groups, roles, users and assigning access privileges to users.
* Created new stored procedures and modifying existing ones as per business requirements.
* Created various types of reports such as sub reports, parameterized, Tablix and Matrix using **SQL Server Reporting Services.**
* Performed data analysis to generate various trend reports.
* Performed identification, analysis and resolved report defects within time scope and established development guidelines.

**Environment**: SQL Server 2005, SQL Server Management Studio, SQL Server Reporting Services (SSRS).