MAHALINGAM GOVINTHARAJ

(Sr. Developer, Sap Analytics Cloud & Planning Consultant)

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PROFILE SUMMARY

Award-wined, Innovative, Data Analyst with progressive hands-on experience in Global Business Intelligence with SAP BI tools (SAP BO, UDT, IDT), QlikView, Power BI, Power apps, Python, and power shell scripting. Consistent performer with ability in handling varied roles, problem solving and exceptional user support providing effective analytic solutions, skilled at quickly gaining and maintaining trust and respect of management, staff, and strategic partners.

An astute and buoyant learner, probing for an opportunity to work in a challenging environment that provides ample chances to learn and contribute.

WORK EXPERIENCE

Sr. Developer, Cognizant Technology Solution, Chennai (Feb,2023 to present)

Current Project: SAP Analytics Cloud & Planning Consultant

- Responsible for efficiently delivering the project and supervising the implementation team.
- Exposing SC Data Models into SAC using live and import connection.
- Successfully created Dashboard story in SAC using Canvas, Responsive pages and Digital boardroom.
- Successfully display story in Mobile SAC using Responsive pages.
- Prepared Transport Management from dev tenant to prod SAC tenant.
- Manage User creation in SAC and SAML mapping.
- Manage SSO from SAC to SC.
- Successfully optimized SAC Dashboard as per business requirements, which was not working in multiple model approach.
- Manage MID's and email in SAML mapping in SC.
- Tested and resolved data issues in SAC Dashboard stories.
- Implemented complex calculations in SAC stories.
- Manage security restriction in SAC.
- Successfully showed big data volume in SAC story.

Sr. Data Analyst, Cognizant Technology Solution, Bangalore (Oct,2020 to Jan,2023)

- Project is designed to handle biggest SAP BO, QlikView and Power BI on live environments that was used across globe by close to 50,000+ users.
- Worked in support model to provide solutions to users in limited time frame.
- Have experience in three BO Versions (4.1, 4.2 and 4.3).

Power BI Development

- Developed Power BI dashboard based on the output from QlikView report.
- Written SQL command to fetch the data from data source to power BI.
- Gateway connection creations for databases (Teradata,Hana, SQL, Oracle, Analysis services, etc).

SAP BO Development:

- Creating BO webi reports and PowerBI dashboards based on the client requirements.
- Power BI Admin and Gateway support.
- Creation of Web Intelligence reports for usage metrics.
- Tweaking and maintaining the existing BO webi reportsto handle the organization structural change.
- Responsible for solving complex business problems.
- Report Development through web-intelligence, assistingthe users in Crystal report development work and fixing the pre/post development issues with the connection setup and data source issues.
- Involved in creating universes & BO reports.

Business Intelligence Analyst

1. SAP BO Environment Admin Activity:

- Server Administration (startup/shutdown, managing the services).
- On demand support by reaching out to users on call or through Skype to resolve the issues.
- Knowledge of proactive and swift measures to make sure environment is available to users 24X7.
- User provisioning (providing access), Security management (folder, universe, connection), LDAPconfiguration.
- Handling close to 5000 schedules that get delivered tousers on a daily basis.
- Incident handling (assisting users for BO end errors).
- Service Request (Report, universe migration between environments).
- Scheduling of Jobs, monitoring and re-scheduling of failedjobs.
- Fixing issues and bugs encountered when trying to run or develop Web Intelligence, Crystal or Lumira Reports and Assisting users in IDT/UDT universe and connection retrievalissues.
- Maintaining the CMS and Audit passwords of all the environments and changing them upon expiry and managing the Audit Data.

2. Migration Activity:

- Part of the team performing SAP BO migration from SAP BO 4.2 to SAP BO 4.3 environment along with reports universes and other objects.
- Handled migration of reports, universes, DB and WH configuration and other objects to SAP BO 4.3 environment.
- Worked with the development team and assisted the users with the post migration issues.

3. QlikView Activities:

- Creation and Modification of QV Task. (Changes insecurity, reducing methods, etc.)
- Migration of the applications (From Development to Testto Production).
- Manual Execution of Jobs (Addressing ad-hoc requests,rerunning failed ones).
- Monitoring and Recycling of Hung QV Services

4. Power BI:

- Configure and maintain Power BI Service (app.powerbi.com) to share content with business user.
- Publish the reports into Power Bi service by creating and mapping app workspaces and apps.
- Configure and manage premium capacity in the power BI service to share apps to the business users.
- Install and maintain On-premises gateway to provide secure data transfer between On-premises data and the Power BI services.
- Assist and train other developers in accessing the enterprise gateways.
- Implement an efficient refresh process using REST API instead of the traditional Scheduled Refresh process.
- Upgrade legacy workspace to new workspace for better management of content access.
- Create more centralized datasets to reuse the existing datasets in the service there by avoiding the refresh of duplicated datasets.
- Provide support services for tickets submitted by business users on a daily basis.

Jr. Frontend Web Developer, GVM Consultancy Service, Karur (Jun,2020 to Sep,2020)

- Implemented websites, mobile applications, and landing pages from concept through deployment.
- Standardized all output with a new, responsive, mobile-first approach and strategy.
- Assessed UX and UI designs for technical feasibility.
- Collaborated with product team members to implement new feature developments.

EDUCATION

- **B.Tech (Information Technology)** from VSB Engineering College in 2020 (CGPA 7.64/10)

TECHNICAL SKILLS

- Power BI, Power Apps
- System, Applications & Products in Data Processing (SAP) - SAP BOBJ, SAP SAC
- Programming Languages - C, C++, JAVA, PYTHON, DBMS, Python shell scripting, VBA macro
- Web Designing Language - Basics in HTML, JS and CSS

CERTIFICATION COURSES

- Analyzing Data with Microsoft Power BI
- Ultimate AWS Certified Cloud Practitioner -2022 certificate
- QlikView certificate
- Clean, transform, and load data in Power BI
- Create a data-driven story with Power BI reports.
- Create and manage workspaces in Power BI
- Design a data model in Power BI
- Get data in Power BI
- Manage datasets in Power BI
- Write DAX formulas for Power BI Desktop models.

AUTOMATION SKILLS

In our project, I automated over 40+ tasks using Python, PowerShell, and VBA scripts.

SAP BUSINESS OBJECTS AUTOMATION

i)   Business Objects environment URL'S monitoring.
ii)   Tomcat service status monitoring.
iii)   SIA service status monitoring.
iv)   BO server disk space monitoring.
v)   Promotion management tool status monitoring.
vi)   Auto rename and extraction of jobs.

AUTOMATED TASK LIST AND DESCRIPTION

S.no	Automated task name	Mail notification status
1	Auto Rename and extraction of Jobs	Enabled

Task Description: It is used to reduce a situation of manpower consumption in zip file extraction. This project contains three important parts; there is a section devoted to file extraction, a renaming section, and a section that can change file extension information. After the source zip file is pasted in a specific path, my project file will execute and extract the zip file according to the required name and CSV format.

S.no	Automated task name	Mail notification status
2	Promotion management tool monitoring	Enabled

Task Description: Here, I have stored a common log status in a separate file and compare actual to store of the promotion management tool log. This automation thing is used to check the promotion management tool log in every half an hour. When both logs are the same, it sends a message to mobile phones and e-mails like: "promotion management Tool working fine", otherwise, it sends a message like: "Promotion Management or Error occurred in "Environment name" Self-move tool.

S.no	Automated task name	Mail notification status
3	Master file generation	Enabled

Task Description: By using Python scripting, this automation component creates one master file by combining multiple children excel files into one, and removing duplicate data based on the user pin and security group request. It then copies the data from the master file to a required excel file template by using macro scripting.

S.no	Automated task name
4	Macro to deliver set of data (Specific format) to data sources

Task Description: If we want to copy a set of data from one file to another file, we just need to click the "button" in the parent excel macro file, and then all the data will be copied from source to destination.

S.no	Automated task name	Mail notification status
5	Schedules pasted file count and status finding	Enabled

Task Description: By using Python scripting, this automated part find the status of pasted (.CSV) active directory file and get the number of currently pasted (.TXT) text files from schedules and server express site.

S.no	Automated task name
6	Business object and QlikView environment application folder path finding

Task Description: This VBA scripting part used to find the application folder path, name, application type, application created date, modified date, size, and subfolders levels.

S.no	Automated task name	Mail notification status
7	Stabilization metrics and APAC Inventory Data schedule status monitoring	Enabled

Task Description: The Python script is used to check the schedule status. In order to reduce the manual effort, we have enabled auto monitoring for all these schedules. So, we could get a mail Alert if any schedule got failed.

S.no	Automated task name	Mail notification status
8	Qlik-view service health monitoring and automatic restart of the QV services	Enabled

Task Description: To automate the monitoring of the QlikView environment service status, I have used shell scripting. This script monitors the window service (Health) status once every five minutes. Previously, we would receive notifications through ITSM incidents whenever QlikView services were stopped or started. We now receive notifications via email rather than ITSM incidents. In addition to this, I have added the ability to automatically restart services if they are in a stopped state. If a service is detected in a stopped state, the script automatically sends an alert mail and restarts all the stopped services without the intervention of an admin

S.no	Automated task name	Mail notification status
9	URL Monitoring	Enabled

Task Description: By using python scripting, I have automated the "Environment URLs status" monitoring task. At present, we can receive all environment status (up or down) in an email. In this URL monitoring task runs every 5 minutes once and generates a mail notification only when the environment is down.

S.no	Automated task name
10	Business object and QlikView server configuration details finding

Task Description: The process of finding the computer configuration details of BO and QlikView servers has been simplified using PowerShell scripting. Using this script, we can see the computer configuration information directly in the script panel as well as in the output text file, instead of checking each server individually. This script will save us time when checking specific BO and QlikView server configurations.

S.no	Automated task name
11	QlikView node QVD file connected application finding

Task Description: Using PowerShell scripting, I have simplified the process of finding the string from QVD, QVW file logs. By using this script, we can find the information directly in script panel rather than having to check each log individually. Hopefully this script will save us time when checking specific apps that are connected to QVD files.

S.no	Automated task name	Mail notification status
12	QVD and QVW file path, application name, modified date & time and application size finding automation	Enabled

Task Description: Using PowerShell scripting, I have simplified the process of finding the QVD and QVW application folder paths, application name, last modified date & time, and application size in KB. By using this script, we can get the information directly into our mail DL rather than having to check each QlikView environment individually. Hopefully, this script will save us time when checking all QVD and QVW application that are deployed in our QlikView environment. Here, I have excluded the backup folder QVD and QVW application details.

WEB PAGE

i)Business object / BI important link webpage

Objective:

- Developer/admins/user can't remember all the URLs for their business object environments.
- It will affect the performance of that individual if they forget any URLs.

Web page usage:

- This created web page is used to access all the necessary business objects, Qlik views, Power BI, and Power apps links without any problems

ii)Admin help center website.

In this website contain simple environment issues, password expiration issues, synchronization-related issues related error screenshot, and a solution.In this created website minimizes the amount of our teamwork that we need to do manually.

ACHIEVEMENTS

- My performance was recognized by cognizant with a best performance award (Silver & Bronze)
- Secured school First in 10th public examination.

AWARDS

- Always striving, never settling
- Working as one

STRENGTHS

- Outcome focused leader
- High level of accuracy
- Task management
- Deliverable oriented
- Initative driven
- Strategic leadership

HOBBIES

- Puzzle Solving
- Swimming

PERSONAL DETAILS

- Date of Birth   : 22/02/1999
- Nationality   : Indian
- Languages Known   : Tamil, English(R, W, S)
- Father's Name   : Govintharaj K
- Occupation   : Stone hand Worker

Date:

Place:

(Mahalingam G)