

Yogesh Jadhav

MarkLogic and Greenplum Database Administrator, Python Developer

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CAREER PROFILE

I am a Database Engineer and working on Greenplum Database and MarkLogic Database Server at Broadridge Financial Solutions. Currently living in Hyderabad, India. Previously I have worked as Greenplum Database Support Engineer in Wipro Technologies for Pivotal Inc. My interests ranges from technology to travel. I am also interested in reading, blogging and listening to music. And I always try to be a better version of myself.

EXPERIENCE

Greenplum and MarkLogic Database Server Administrator

2016-11 ~ Present

Broadridge Financial Solutions, Hyderabad

Broadridge is multinational financial solution provider company.

Greenplum:

- Maintaining database to perform well.
- Taking backup (pg_dump, parallel, ddboost) and restoring the same.
- Working with developers for tuning the queries and advising session level parameter by understanding query resource requirements.
- Working with workload manager.
- Loading and unloading data using gpfdist.
- Managing Security of database.
- Creating python, shell scripts to automate administrative tasks.
- Troubleshooting on various issues in case of failure and performance issues.

SKILLS

Administrating MarkLogic, Greenplum and PostgreSQL database server and Development in Python Programming Language.

LANGUAGES

English (Fluent)

Marathi (Native)

Hindi (Fluent)

INTERESTS

Coding

Travel

Photography

Reading

Blogging

MarkLogic:

- Installing and upgrading MarkLogic Server.
- Configuring database setting as per the requirement and resources available.
- Performing database maintenance like re-indexing, merging, rebalancing and etc.
- Working on database backups and database refresh within the environments.
- Setting up replication, expanding the cluster.
- Automating administrative tasks using python and REST API as well as Shell scripting.
- Managing Security of database.
- Working with Application team on deployments.
- Building corb2 jobs to perform jobs in batch like deletion, permission updates and etc.
- Working with mlcp utility for importing and exporting data.

Pivotal Greenplum Support Engineer

2015-4 ~ 2016-11

Wipro Technologies, Bangalore

During 1.7+ years of experience as Greenplum database support engineer, I have supported multiple Greenplum database environment of Pivotal's customers.

While working here, I have supported all kinds of issues like:

- Installing/upgrading/configuring Greenplum Database environment.
- Troubleshooting and recovering failed segment instances.
- Managing master failover issues.
- Configuring Greenplum Command Center.
- Working on Greenplum expansion.
- Upgrading customer database both out of family databases as well minor upgrades.
- Fixed catalogs for customer with inconsistencies in pg_class , pg_attribute, pg_type or persistent rebuilding regularly on customer system.
- Recommending Database Configuration as per customer's use case.
- Providing root cause analysis on issues to the customer.

EMC DCA Support Engineer

2014-10 ~ 2015-4

Wipro Technologies, Bangalore

Here I worked as EMC DCA Support Engineer for EMC (Our Client). While working here, I supported global customers of EMC Data Computing Appliances with all types of hardware issues and failures.

EDUCATION

BCA College, Nidasoshi — *Bachelor of Computer Application*

2011 - 2014

Projects

Whenever I get time, I like to write codes. All my projects are available at my [github](#) site.

Greenplum - Greenplum Repository is a collection of Python, Shell and SQL scripts for Greenplum Database Administrator.

- **Parallel restore**: This is python utility to restore the Greenplum backup in parallel even if we have different number of Greenplum instances in the environment.
- **Data Refresh**: This is python utility to automate refresh the data between the environment like PROD to UAT. This utility takes care of moving data and changing the privileges according to environment.

MarkLogic - MarkLogic Repository is collection scripts, notes for MarkLogic Database Administrator.

- **Forest restore**: This is to automate restore when we are restoring backup in database which has different number of forests and forests names are mismatching. This also works parallel meaning it can start multiple forest restore at same time.