

# Madhura K. Tutare

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## PROFESSIONAL SUMMARY

- 3 years of hands-on experience on **JasperReports, SpagoBI and Microsoft Power BI**.
- Expertise in developing queries for databases - **PostgreSQL, MySQL and Oracle 11g**.
- Proficient in developing complex queries, including sub-queries, self-joins and window functions.
- Expertise in developing complex parameterized queries, including manipulations of multiple parameters and variables, at runtime.
- Proficient in designing **views, and writing stored procedures and functions**, for optimizing queries.
- Extensive experience on developing **JasperReports for multiple datasources**.
- Highly capable of designing complex **JasperReports**, including use of parameters, variables, datasets, multiple tables, subreports and scriptlets.
- Expertise in designing complex queries for **SpagoBI**-highcharts, reports, dashboards and ad-hoc reporting including multiple filters, defining user-security, and role management.
- Basic knowledge of **ETL Tool ( Talend)**.
- Knowledge of ERP Domain and Process Maker.
- Sound Knowledge of UNIX Commands.
- Having good knowledge in Core Java concepts.
- Excellent communication, interpersonal and logical skills.
- Quick Learner, self-motivated, result oriented and an enthusiastic team player.

## PROFESSIONAL EXPERIENCE

- **Bista Solutions Pvt. Ltd.** Oct 2013 – Present (3 Years).

## EDUCATION

- Passed B.E. (Computer) in May 2013 from University of Mumbai.

## TECHNICAL SKILLS

- |                                     |   |  |
|-------------------------------------|---|--|
| • <b>Operating System</b>           | : | Windows XP/7/8, Linux                                |
| • <b>Technologies</b>               | : | Core JAVA  |
| • <b>Reporting/ Analytical Tool</b> | : | Jasper Reports, SpagoBI( 5.0,5.1),Microsoft Power BI |
| • <b>Databases</b>                  | : | <b>PostgreSQL(9.3,9.5) , MySQL(5.1), Oracle 11g</b>  |
| • <b>ETL Tool</b>                   | : | Talend Open Studio(5.6)                              |

## PROJECTS

**Project #1 : ERPinCloud (EIC)**

**Role** : SQL Developer, Jasper Report and SpagoBI Developer.

**Designation** : Software Engineer in BI.

**Client** : **Bista Solutions Inc. (US).**

**Environment** : **PostgreSQL (9.3), Jasper Reports, SpagoBI (4.2, 5.0, 5.1).**

**Duration** : Oct 2013 – Present.

**Description** :

EIC is an ERP Product of Bista Solutions Inc.(US). Reporting is a feature provided with this product. It consists of creating Jasper Reports, SpagoBI Reports and Dashboards for OpenERP Sales, Purchase, Accounting, Human Resources and Warehousing Modules. The other clients of EIC are:

- **AdvanceTech International (UAE)**
- **Bio-Logic Science Instruments SAS (US)**
- **CSP Medical (Canada)**
- **Mancrates(US)**
- **Macronet(US)**
- **McClellan(US)**
- **Ward-Beck System Inc.(Canada)**

**Responsibilities:**

- Developed simple to complex queries involving self joins and correlated subqueries for diverse business requirements.
- Designed simple to **complex Jasper Reports**, with **SQL and XPATH as data sources**.
- Developed SpagoBI Reports and Dashboards, as per business requirements.
- Manipulated data, using Java.
- Created **Java classes** for Data Manipulation.

**Project #2 : ADVOMAS**

**Role** : SQL Developer and SpagoBI Developer.

**Designation** : Software Engineer in BI.

**Client** : **Advomas, Healthcare Eligibility Advocates, US.**

**Environment** : **MySQL (5.1), SpagoBI (5.1), Jasper Reports, Process Maker.**

**Duration** : Oct 2014 - Oct 2015.

**Description** :

The project consist of reports and dashboards that assist healthcare policy experts and humanitarians of Advomas, to ensure that the uninsured and underinsured patients have access to healthcare, and to secure the highest payer source for hospitals and health plans, in pursuit of healthier communities. The reports also aim at ensuring that the providers have the funds they need to continue to support the communities that they serve.

**Responsibilities:**

- Installed SpagoBI on client server.
- Changed **meta-repository from HSQL to PostgreSQL.**
- **Upgraded libraries (Jasper, MySQL, HighCharts).**
- **Customized the core functions**, by making required **changes in source-code.**
- Rebranded Login page.
- Created numerous simple to complex queries for diverse business requirements.
- Employed best practices in creating complete schema including tables, relationships, stored procedures, views, and table functions.
- Individually authored, deployed and managed reports.
- Designed and Developed **3D-highcharts**, Tabular reports and Drill-down reports.
- Designed and Developed **Log Reports for Administration and Dashboards for CXOs.**
- Configured **Datasets for Reports as well as for Ad-hoc Reporting.**
- Configured Processmaker Users on SpagoBI and associated different roles to them.
- Managed **Data-Security** for Users.
- Implemented **Audit and Monitoring module in Jasper.**
- Developed **ETL job for Query Optimization.**
- Performed Data Validation.

**Project #3 : Edelweiss**

**Role : SQL and SpagoBI Developer.**

**Designation : Software Engineer in BI.**

**Client : Edelweiss, India.**

**Environment : MySQL (5.1), SpagoBI (5.1), Jasper Reports, Process Maker.**

**Duration : 1 month**

**Responsibilities:**

- Creation of Mock-ups for client.
- Installing SpagoBI on client server.
- Created numerous simple to complex queries for diverse business requirements.
- Individually authored, deployed and managed reports.
- Designed and Developed Highcharts, Tabular reports and Drill-down reports.
- Designed and Developed Log Reports for Administration and Dashboards for CXO.
- Configuring Users and Roles.
- Configuring Ad-hoc Reporting.
- Coordinate between Client and Development Team Members.
- Performed Data Validation.

**Project #4 : IQRA**

**Role : Power BI Developer.**

**Designation : Software Engineer in BI.**

**Client : IQRA Education, UAE.**

**Environment : PostgreSQL (9.3), Microsoft Power BI.**

**Duration : Dec 2015 – Present.**

**Description :**

Project consists of reports and dashboards for **Accounting Department** in the '**Education Domain**', which helps to view the financial status of the institution.

**Responsibilities:**

- Analysed business requirements.
- Created Datasets for Reporting.
- Managed complex relationships between multiple tables.
- Designed queries for datasets to reduce complexity between multiple tables, and to improve the performance of the reports.
- Created parameterized datasets.
- Sound knowledge of DAX.
- Managed schema including cleaning of data, establishing relationships, merging queries, creating calculated columns, and performing transformation of data.
- Designed Reports and Dashboards, including scorecards, tabular reports, slicers and other visuals.
- Scheduled refresh for datasets, on the app.
- Handling Role Management for the users.
- Performing Data Validation.
- Publishing Reports on the server.
- Training client on the tool.

**PERSONAL INFORMATION**

<b>Name:</b>	Madhura Kashinath Tutare
<b>Date of Birth :</b>	26 March, 1990
<b>Languages :</b>	English, Hindi, Marathi