

# SWATHI SRINIVASA MURTHY

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## SUMMARY OF QUALIFICATIONS

- ✦ **Business Intelligence Developer** with 4.5 years of experience in Analysis, Design, Development, Testing and Implementation of Business Intelligence Solutions.
  - ✦ In-depth knowledge in **Tableau** Desktop in various versions of Tableau 7.x/8.x,9.x,10x
  - ✦ Extensive experience in **MicroStrategy** in various versions of 9x in generating deep analytical insights.
  - ✦ Good at Data Warehouse techniques, methodologies and Star and Snowflake schema.
  - ✦ Strong analytical skills with the ability to collect, organize, analyze, and disseminate significant amounts of information with attention to detail and accuracy
  - ✦ Experience with upgrading and enhancing reports in **Hyperion Interactive Reporting**.
  - ✦ Experience with all phases of **Software Development Lifecycle (SDLC)** and agile methodologies.
  - ✦ Fully authorized to work in the United States without sponsorship.
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## TECHNICAL SKILLS

Languages/Technologies:	SQL, T-SQL
Databases:	Oracle, MS SQL Server 2016, Teradata,MySQL
BI Tools:	Tableau, MicroStrategy, Hyperion Interactive Reporting/Brio,Excel
Platforms:	Windows,Unix
DB tools:	TOAD, Teradata SQL Assistant
CTS Academy Training:	Informatica, Cognos, OBIEE, Qlikview, SAS

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## EDUCATION

VELLORE INSTITUTE OF TECHNOLOGY (VIT UNIVERSITY), Vellore, Tamil Nadu, India  
**M.S in Software Engineering**

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## CERTIFICATE

Cognizant certified professional in Microstrategy  
Cognizant certified professional in CPM

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## Key Projects

**Taproot Foundation**

**June 2018- Present**

**BI Consultant(Tableau)**

- ✦ Working on a project for a non profit organization called Ayiti Corp.
- ✦ Analyzing and transforming the data into dashboards and publish in Tableau Public for client access
- ✦ Transforming the existing dashboards to make it more user friendly and Interactive.
- ✦ Creating workbooks from scratch to help acquire donations to support a noble cause

**Cognizant Technology Solutions****July 2013- Apr 2015****BI developer(Tableau)**

- ✦ Actively participated in interaction with the users, DBA's and technical manager to fully understand the requirements of the system.
- ✦ Acquired data from primary or secondary data sources and maintain databases/data systems
- ✦ Identified, analyzed, and interpreted trends or patterns in complex data sets
- ✦ Created KPI's to locate and set the trends of the report
- ✦ Located and defined new process improvement opportunities
- ✦ Strong analytical skills with the ability to collect, organize, analyze, and disseminate significant amounts of information with attention to detail and accuracy
- ✦ Experienced in latest versions of Tableau Desktop, Tableau Server, and Tableau Online in Tableau .
- ✦ Defined, designed and developed complex/nested SQL queries or extracts for dashboards.
- ✦ Established standards and best practices for dashboards and related technologies for the project.
- ✦ Managed dashboard repository and optimize content.
- ✦ Developed regular and ad-hoc analysis methods and reports.
- ✦ Designed and created data visualizations (reports and dashboards) as required to support business needs.
- ✦ Developed interactive Trends Dashboards regarding for Senior Management using Visualizations like Dual Axis ,Bar Graphs, Donut Charts and Heat Maps.

**Cognizant Technology Solutions****May 2011- June 2013****BI developer(MicroStrategy)**

- ✦ Prepared project plan by gathering/analyzing client input, updated business users regarding project status, analyzed requirements and designed project workflow
- ✦ Involved in regular scrum meetings
- ✦ Developed Dashboards using bubble chart, interactive bubble chart, heat map, gauge, microcharts and simple graphs using MicroStrategy 9.2.1.
- ✦ Interlinked all the 5 dashboards.
- ✦ Enhanced and fine tuned the existing dashboards/reports.
- ✦ Performance tuned the reports that were executing for long time and reduced the execution time
- ✦ Re-designed the old reports to new format as per the business standards.
- ✦ Enhanced, updated and maintained the Views, Triggers, Cursors and Indexes.
- ✦ Created MSTR architect component: tables, attributes, facts from scratch.
- ✦ Created Intelligent Cubes and reports out of them.
- ✦ Created Drill Maps to drill up, down and across unrelated hierarchies in reports.
- ✦ Conducted unit testing for the developed reports

**Strategic Outsourcing Pvt Ltd****Dec 2010- Apr 2011****Intern**

- ✦ Enhanced Dashboards as per the business requirements as a part of application enhancement in Hyperion Interactive Reporting
- ✦ Recreated custom bullet charts to match client requirements using rectangles, text boxes, and javascript, since Hyperion's existing java based bullet chart did not meet expectations.
- ✦ Developed test scripts for Unit Testing .
- ✦ Scheduled jobs in Development Portal and coordinating with Production team for scheduling job deployment in Production Portal.
- ✦ Involved in enhancements of existing reports and dashboards in the application.
- ✦ Responsible for running job process and report generation cycle.
- ✦ Rewrote queries to be more efficient using Custom SQL utilizing sub-queries and unions