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| **Prasanna Vijayaraghavan** | Elkridge, MD 21075  pvcares@gmail.com ▪ 215-490-4015  [LinkedIn](https://www.linkedin.com/in/prasanna-vijayaraghavan-1135081b/) |

**Business Intelligence Architect**

*Results-driven and analytical professional with extensive experience in analysis, design, development, and maintenance of business intelligence applications.*

Proven track record of modeling Data-Warehouse systems, implementing Extract-Transform-Load (ETL) strategies, creating organizational database, and building system architecture. Skilled at performing meticulous testing, conducting QA research, monitoring performance optimization, and executing schema modelling. Instrumental in data migration, configuration management, and risk evaluation. Adept at collaborating with management to prioritize activities and achieve defined project objectives. Ability to translate business requirements into technical solutions effectively. Articulate and refined communicator with excellent leadership, relationship building, and organizational skills.

Highlights of Expertise

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| * Database Administration & Development * Data Warehousing & Data Modeling * Quality Assurance * Performance Optimization * IT Project Management * Test Planning & Development | * Business Intelligence Development * Data Governance * Configuration Management * Effort Analysis & Impact Estimation * Team Training & Leadership * Data Cleansing |

**Career Experience**

Laureate Education Inc., Baltimore, MD

*Utilize SQL Server (SSDT/SSIS) and Informatica Cloud to design and develop BI solutions involving ETL.*

**SENIOR ETL ENGINEER** (2015 to Present)

Codify business requirements aimed at populating dimensional warehouse. Build enterprise-level data integration and data transformation solutions through SSIS packages. Identify and protect Personal Information stored in data-warehouse by developing metadata driven solution in accordance with GDPR regulations. Generate effective SQL server solution to load data-warehouse system from Salesforce. Leverage SQL Server and Snowflake to perform database development tasks, including creation of database objects, stored procedures, views, and tables. Utilize mappings and task flows to generate Informatica Cloud data flow mechanism. Extract API data and process JSON and XML data into snowflake by developing Informatica ICRT process. Coordinate with application developers in an agile environment to achieve mutual objectives. Manage overall code changes to ensure effective maintenance of source control.

* Effectively transformed SAAS code into ETL, which reduced processing time by 80%.
* Ensured negligible downtime for business data load by delivering application’s On Call support.
* Reduced manual effort taking 10+ hours with each request by creating an automated solution that countered the GDPR impact.
* Minimized the delivery time of business report by 60% through performance tuning of Informatica ETL via API technologies.
* Utilized Talend and Control-M tools to perform Proof of Concept.
* Leveraged DBAMP software to carry out data migration from Legacy System into Salesforce.

Harte Hanks Inc., Philadelphia, PA

*Developed ETL solution and implemented International Customer Data Integration (CDI) to accumulate clients and sales information.*

**SOFTWARE ENGINEER II** (2013-2015)

Utilized SQL Profiler tool for data analysis, profiler reports generation, and data cleansing. Leveraged SQL Trace, explain plan, and checkpoints to execute query optimization aimed at identifying the most efficient way to execute queries. Aided several users on UI issues in CRM application developed with PHP script. Supervised the process of Data warehouse’s load management and delivered production support.

* Designed and developed solution system upgrades for FORD and Toyota Motor aimed at streamlining business functions and delivering timely reports.
* Formulated code scripts and comprehensive DW/BI mapping documents for each implementation.
* Minimized process time by 20% through performance tuning of CRM system, SQL interface, and CDI.

Infosys Technologies Ltd

*Delivered support to AT&T call center and field technicians with continuous online data accumulation and application reporting. Devised system requirements for application development as per business needs.*

**TECHNOLOGY LEAD** (2011 to 2013) | Atlanta, GA

Revamped and aligned current packages, procedures, functions, and triggers with new business needs. Effectively wrote and debugged MS SQL code as well as improved code’s quality through testing. Led a team of 12 members for seamless business operations. Troubleshoot application issues and devised preventive measures. Delivered on-call assistance to resolve SQL database issues and supported operations by executing Configuration changes.

* Manage website in IIS 6.0 and 7.0, ensure SSL certificate registration to website, and performed IIS administrative tasks, including application pool.
* Played a key role in upgrading SQL 2000 to SQL 2008 R2 Development that involved transformation of 75+ complex DTS packages to SSIS.
* Contributed to optimizing system, from ASP.NET to C#/VB.

**TECHNOLOGY ANALYST** (2008 to 2011) | Chennai, India

Planned and implemented DTS to SSIS migration project. Conducted detailed analysis to identify areas of improvement. Modeled and developed various application software. Managed unit, integration, and system testing by creating test plan.

* Leveraged Tortoise SVN to oversee software configuration.
* Predicted the most realistic amount of effort required to accomplish key software projects.

**TECHNOLOGY ANALYST (2006 to 2008)** | Bangalore, Karnataka

Developed and maintained Windows application for Bank of America’s sales officers. Oversaw unit testing of software applications and performed defect fixing to improve quality of code. Collaborated with team members to achieve mutual objectives.

* Played a key role in improvement of systems utilizing .NET and SQL 2000 technologies.

**Education & Credentials**

Walden University, Minneapolis, MN

**MASTER OF SCIENCE IN INFORMATION TECHNOLOGY | 2017**

St. Peter's Engineering College, Chennai, India

**BACHELOR OF SCIENCE IN MECHANICAL ENGINEERING | 2006**

***Training****:* Agile Training for Teams, Baltimore, MD | 2017

***Technical Proficiencies:*** MS SQL Server 2016/2012 and SSDT/SSIS, Informatica Cloud, ETL, Tortoise SVN, Control-M, Snowflake, SSL, SAAS, CRM, PHP, API, Salesforce