Enterprise BI/Data Warehouse Architect

A vibrant performance-driven Professional with 20+ years of rich combined expertise in Data Warehouse, Data Analytics, Data Modelling and Providing Solution Architecture AND PROJECT-MANAGEMENT EXPERTISE. BRINGS CONTINUOUS IMPROVEMENT AND PROCESS EXCELLENCE DISCIPLINE TO DATA GOVERNACE, TECHNOLOGY STATEGY, SOLUTION ACCELORATORS, STAKEHOLDER MANAGEMENT, TECHNOLOGY EVALUTION, PROJECT DELIVERABLES. WITH FOCUS ON RESULTS-DRIVEN APPROACH, PROBLEM SOLVING, TEAM-BUILDING, STRATEGIC MANAGEMENT, ALONG WITH IMPLEMENTATION PROFICIENCIES.

**Satyabrat Acharya**

**A R E A S O F E X P E R T I S E**

* Pre-sales, Delivery and consulting
* Lead practice in CoE
* Client and Customer Engagement
* Stakeholder Management and Strategic planning.
* Future Roadmap and Business growth Planning
* Assessment and Architecture
* Capacity planning, Tool assessment
* Data Modeling (Kimball, Inmon & Data Vault)
* Visualization design
* ODS, Data mart, Data-warehouse Designing
* Dashboarding and storytelling through different tools
* Azure, Synapse, Databricks
* Cloud implementation of BI platform (BICS)
* Data Analytics using multiple tools and SQL
* Data security implementation on Data Warehouse platforms Change Management
* Project Management
* Process Improvement
* Quality Control
* Cross Functional Leadership
* OBIEE 11g installation and administration
* SQL, PL/SQL
* ETL Tuning

**C E R T I F I C A T I O N S**

**ITIL** | **OCIS(OBIEE)**| **OCIS(OBIA)** | **Great BI (Estimation) | Google Analytics**

CURRENTLY WORKING ON PYTHON AND MACHINE LEARNING

**T E C H S K I L L S**

OBIEE |OBIA | INFORMATICA | DATASTAGE | TABLEAU | POWER BI |ERWIN |EXALYTICS | PYTHON |SSIS |SSRS | HIVE | BIGDATA | SNOWFLAKE

**R E C E N T R E L E V A N T E X P E R I E N C E**

*20+ years of progressive professional growth in the IT field, as an architect by establishing and enforcing team work adopting servant leadership model using agile methodologies*

**Newyork Community Bank** **Cleveland, Ohio** **Feb 2024 - Till Now**

Working as a DataWarehouse Architect on Oracle and Snowflake platform, providing technical oversight for on-going projects, liaison with customer architecture team to design and develop roadmaps alongside nurturing hive tables loading, designing and testing along with Cognos Reporting practice capability in the organization.

* Working as a Data Architect.
* Designed workflows using informatica powercenter
* Data integration and performance optimization using Informatica.
* Did Canonical Data modelling for new requirements.
* Testing and documenting Informatica mappings.
* Created the design and roadmap for effective implementation.
* Evaluating Technology for the integration
* Stakeholder Management
* Helping perform due diligence and research for the business regarding technology leverage.

**CGI**  **Cleveland, Ohio** **Jun 2022 - Feb 2024**

Worked as a Data Architect on bigdata platform, providing technical oversight for on-going projects, liaison with customer architecture team to design and develop roadmaps alongside nurturing hive tables loading, designing and testing along with Tableau Reporting practice capability in the organization.

* Working as a Data Architect.
* Gathered requirements and designed the visualization.
* Used Hive HQL , Tableau, Python tools to do data analysis.
* ETL design using IBM DataStage.
* Gathered the customization and changed requirements from the client.
* Created the design and roadmap for effective implementation.
* Provided production support.
* Definined Data Governance Strategy
* Prepared automation design for application accelerators

**Synechron Inc. (Wells Fargo)** **Charlotte, NC** **Mar 2017 - Dec 2020**

Working as a Sr. Architect providing technical oversight for on-going projects, liaison with customer architecture team to design and develop roadmaps alongside nurturing ETL and Reporting practice capability in the organization.

* Worked as a Data Analyst.
* Gathered requirements and designed the visualization.
* Used multiple visualization tools for Data Analysis.
* ETL design using IBM DataStage.
* Worked on canonical Data Modelling using Data Vault methodologies
* Designed workflows using informatica powercenter
* Data integration and performance optimization using Informatica.
* Did Canonical Data modelling for new requirements.
* Testing and documenting Informatica mappings.
* Created the design and roadmap for effective implementation.
* OBIEE RPD development, Administration and migration.
* Provided production support.

**Mastech Digital**  **Cleveland, Ohio** **Jan 2021 - Jun 2022**

Worked as a Data Architect on bigdata platform, providing technical oversight for on-going projects, liaison with customer architecture team to design and develop roadmaps alongside nurturing hive tables loading, designing and testing along with Tableau Reporting practice capability in the organization.

* Worked as a Data Analyst.
* Gathered requirements and designed the visualization.
* Used Hive HQL , Tableau, Python tools to do data analysis.
* ETL design using IBM DataStage.
* Gathered the customization and changed requirements from the client.
* Created the design and roadmap for effective implementation.
* Provided production support.
* Supported the management for engagement portfolio, including initiative implementation, briefings, reports, and presentations to relevant stakeholders
* Designed technology stack for project owners.

**Synechron Inc. (Wells Fargo)** **Bangalore** **Jun 2015 - Jan 2017**

Working as a Sr. Architect providing technical oversight for on-going projects, liaison with customer architecture teams to design and develop roadmaps alongside nurturing ETL and Reporting practice capability in the organization.

* Gathered the customization and changed requirements from the client
* Created the design and roadmap for effective implementation
* Gathered the customization and changed requirements from the client
* Created the design and roadmap for effective implementation
* Designed workflows using informatica powercenter.
* Data integration and performance optimization using Informatica.
* Did Canonical Data modelling for new requirements.
* Provided production support
* Data modelling using Data Vault methodology.
* Worked on a POC to create Bigdata and Hadoop platform for the wholesale data analysis.
* SQL, PL/SQL for performance tuning OBIEE reports

**Capgemini India Pvt. Ltd.** **Bangalore** **Jun 2013 - Apr 2015**

Worked as a Manager for UINV State of Nevada project and lead for CoE of Oracle Business Intelligence Practice providing solution for pain points in Business Intelligence in Retail and Energy sectors.

* Implemented reporting for department of tax and benefits State of Nevada USA
* Involved in building an end-to-end solution for all reporting needs in the department
* Used OBIEE and BI Publisher for building the complete reporting platform along with the data warehouse
* Gathered the customization requirements
* Built custom data model in OBIEE repository
* Designed BI Publisher Report
* Provided clients with trainings for OBIEE
* Documented the HLD and LLD documents
* Reviewed the development work
* Prepared production environment
* Gathered the business cases from the clients
* Created the design and roadmap for solution
* Involved in data modelling for the solution
* Designed workflows using informatica powercenter.
* Data integration and performance optimization using Informatica.
* Did Canonical Data modelling for new requirements.
* Testing and documenting Informatica mappings.

**Oracle Sales Services India Pvt. Ltd.** **Bangalore** **Feb 2012 - Jun 2013**

Worked as Senior Consultant for multiple clients and helping them design and implement OBIEE and OBIA solution.

* Implemented project analytics in Sapient Corporation
* Designed/ forecasted HR utilization, profit and loss, and revenue model
* Proposed the data modeling for the solution using Erwin
* Implemented Out of the Box BI Apps and then customized as per client requirement
* Developed all the customized reports and designed specific subject area for the modules that Sapient didn’t use any of the

OOB reports

* Implemented SSO with Windows Active Directory 2008 server
* Gathered the customization requirements
* Built custom data model in OBIEE repository
* Set up SSO
  + Provided clients with trainings for OBIEE
  + Documented the HLD

**Oracle Sales Services India Pvt. Ltd.** **Bangalore** **Feb 2012- Jun 2013**

* Gathered the customization and changed requirements from the client
* Created the design and roadmap for effective implementation
* Gathered the customization and changed requirements from the client
* Created the design and roadmap for effective implementation
* Architected the security framework revamp and redesigned it.
* Provided support for Informatica mapping change requests and designing new mappings.
* Did POCs in Tableau, Power BI for new initiatives.
* Provided production support
* Provided production support
* Worked on a POC to create Bigdata and Hadoop platform for the wholesale data analysis.

**Oracle Sales Services India Pvt. Ltd.** **Bangalore** **Feb 2012- Jun 2013**

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**Infosys Ltd. (Fidelity Investments)**  **Bangalore** **Jul 2010 - Feb 2012**

Worked as Technology Lead for multiple clients (Fidelity Investments, Standard Chartered Bank) and helping them implement OBIEE and OBIA solution and Data Security.

* Implemented project analytics in Sapient Corporation
* Designed/ forecasted HR utilization, profit and loss, and revenue model
* Worked in Data Analytics project using SAS.
* Implemented security solution in OBIEE.
* Managing a team of 13 people.
* Client engagement and business generation.
* Strategic business development partner.
* OBIEE customization using JavaScript and XML.
* SQL, PL/SQL for performance tuning OBIEE reports

**Sapient Corporation**  **Gurgaon** **Jul 2009 - Jul 2010**

Worked as Senior Associate in the Leadership Reporting project to enable senior Leadership taking informed decision in profit and loss and project forecasting and pipeline solution and Data Security.

* Developed data warehouse.
* Created data model and designs for the warehouse
* OBIEE development
* Lead a team of developers
* Developed reporting and ETL

**Steria India Pvt. Ltd.**  **Noida** **Jan 2009 - Jul 2009**

Worked as consulting analyst in British Telecom project for preparing ODS, Data Warehouse, Data Mart and Reporting.

* Developed data warehouse and ETL
* Report and Dashboard creation using OBIEE

**Tata Consultancy Services (British Telecom)** **Kolkata** **Jul 2006 - Dec 2008**

Worked as a team member and developer in British Telecom project for preparing ODS, Data Warehouse, Data Mart and Reporting.

* Developed data warehouse and ETL (OWB, PL/SQL)
* Report and Dashboard creation using OBIEE

**DSCS** **Bangalore** **Sep 2003 - Jul 2006**

Worked as a trainee and software developer for .NET applications.

**Education** **College/University** **Dates Attended**

Bachelor of Engineering Institute of Technical Education and Research, Sep 1999 – May 2003

(Electronics & Telecommunication) Bhubaneswar, Odisha

(Biju Patnaik University of Technology)