

AMIT PRIYADARSHI

Enterprise Solution Architect | Big Data, Cloud, Analytics, DWH, BI & DevOps | IIT – B Tech

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PROFILE SUMMARY:

- 19 years of experience in Data Engineering with experiences on Big Data, Cloud, Data Warehousing, ETL, Data Modelling, Business Intelligence, Analytics and DevOps
- Currently with Zaloni Professional Services group and prior experiences with TCS, Wipro, Tech Mahindra and WNS
- Bachelor of Technology (B Tech) from India's premiere Institute, Indian Institute of Technology, IIT (Roorkee)
- **TOGAF** certified Enterprise Architect, Informatica and Oracle Certified Professional
- Domain experience of Airlines, Telecom, Healthcare and BFSI
- Consulting, Solution Delivery, Presales, CoE
- Rich working experience with large USA, UK, Europe, India and Middle East customers

PROFESSIONAL SUMMARY:

Architecture

- 10+ years of experience in Solution Architecture in multiple areas of Data, Big Data, BI, Analytics, Cloud
- DWH /EDW/Datamart two & three-layer architecture, Big Data / Cloud based Lambda & Hybrid Architecture
- TOGAF certified architect and expert in managing discovery sessions and preparation of High level and Low-level design which includes component implementation, security, governance, interfaces etc
- Project Planning, Estimation, Resource loading, Costing, Compliances
- Customer, Vendor and Stakeholder & Team management

Big Data

- 7+ years of experience in Big Data Delivery, Presales & Consulting experience
- Rich hands-on experiences with Cloudera, Hortonworks, HDFS, Spark, Spark Streaming, Hive, HBase, Kafka, Ranger, Ranger KMS, Sqoop, Pig Latin, Flink, Airflow, Redis
- Delivery experiences with very large customers like dU Telecom, Bank of England, Etihad Airlines, Alexion Healthcare, PwC, Millicom group (Tigo) for Columbia
- Presales & Solution experiences with British Telecom, Telenor India & Group, Hutch Indonesia & Czech, Citibank, AT&T

Cloud

- 3+ years of experience in Cloud primarily with AWS Delivery, Presales & Consulting
- AWS data engineering stack experiences with EMR, Redshift, S3, EC2, CloudFormation, RDS (Oracle / MySQL), DMS, Kinesis data stream and Firehose, Lambda, Glue, Athena, IAM, KMS, Storage & Networking
- 1 Project experience of Azure HDInsight
- 1 Project experience of Snowflake

DWH / ETL / Data modelling / Analytics

- 12+ years of experience in Data Warehousing, Data Integration, Data Migration, ETL, Business Intelligence, Analytics, Reporting, Data Modelling – Dimensional & 3NF, Data Quality, Profiling, Ingestion, Virtualization, data provisioning, Data Security
- 10+ years of experience in delivery and 4+ years in Presales
- Trained 100+ students on Informatica Power Centre and taken online as well as classroom sessions
- Extensive experiences with Oracle, Informatica, Shell scripting, Autosys, ER Studio, Netezza, MySQL and handled complex problems that included complex integration as well as Performance problems
- Analytics experiences with products like Power BI, Tableau, Qlikview, Business Objects
- Delivery experiences with Merrill Lynch, United Utilities, Hartford Insurance, Eli Lilly, GSK, Cardinal Health
- Presales & Consulting experiences with Union bank of India, SBI, First Gulf Bank, ICICI Bank

Advanced Analytics

- 2 year of presales experiences for Telco & BFSI related advanced analytics solutions which ranges from Customer, Telecom, social media, Call centre & Operational analytics
- Built customer 360 use case on Qlik

SKILLS:

Big Data	Cloudera, Hortonworks, Hadoop, Spark, PIG, HDFS, Hive, Sqoop, Kafka, Flink
Cloud	EMR, Redshift, S3, EC2, RDS, Kinesis, Lambda, Athena, Redshift and Glue
Programming Skills	Python, Scala, PHP, Laravel, PL/SQL, HiveQL, Core Java
ETL Skills	Informatica, Hive, Pig Latin, Glue
BI Skills	Power BI, Tableau, Qlikview, Business Objects,
Data Modeling	ER/Studio, Erwin
RDBMS	Oracle, MySQL, HBase, Hive, Netezza, Redis
Analytics	Customer 360
Web Development	Laravel, Node.js, Vue.js, HTML5, Bootstrap, CSS, JS, Photoshop, Javascript, JQuery
DevOps	Ansible, Kubernetes, Docker, Jenkins
Operating Systems	Windows, Linux, Centos, Ubuntu, Solaris
Tools & Utilities	TOAD, PL/SQL Developer, Eclipse,
Project Management	Microsoft Project, Replicon

PROFESSIONAL EXPERIENCES:

- Working with Zaloni as Principal Solution Architect and handled multiple implementations in Professional Services team in Delivery, Presales and Consulting.
- Worked with WNS Global Services as Snr Group Manager and headed the Analytics delivery unit with projects from Sony and Coke and was part of the core technology group conceptualizing Org Big Data and Analytics Journey
- Worked with Tech Mahindra as Big Data Solution Head and managed all Telco deals and handled multiple RFPs/RFIs/PoCs worth multi millions, Ownership of complete lifecycle including Product, Customer, Vendor, Delivery management. Owned the Big Data and Analytics platform called Tech Mahindra Analytics Platform (TAP)
- Founded a web development company and managed all the aspects of sales, marketing, and product development.
- Worked with Wipro InfoTech as Lead Technical Architect and was Pre-Sales gulf lead and Big Data practice lead with Analytics and Information Management (AIM) team
- Worked with TCS and worked with fortune 500 companies like Cardinal Health, Eli Lilly, GSK, The Hartford Insurance, and Merrill Lynch at customer locations and assumed different roles like Solution Lead, Solution and Technical Architect, Lead Architect, Technical Lead, Data Modeller, Developer and Business Analyst

Current: Zaloni

Company	Zaloni, Bangalore
Period	Aug 2018 – Current
Position	Principal Solution Architect
Responsibilities	<p>Multiple delivery implementations, Consulting and Architecting experiences in the Professional services group in the Area of Big Data, Cloud and DevOps</p> <p>Few of the experiences are: -</p> <ul style="list-style-type: none"> ➤ Large Big Data Lake implementation at a large middle east airlines company ➤ Large AWS cloud-based implementation for a USA bank & another USA Healthcare company ➤ Consulting experience for multiple middle east and USA based customers in the Area of Cloud, Big Data and DevOps ➤ Implementation of a Big Data Hub based data ingestion and implementation of use cases ➤ Solution definition and design for few implementations in the capacity of a Consultant ➤ HLD, LLD, Discovery documents, Data Models, Data Dictionary and Data Catalog ➤ Project Implementations and Delivery ➤ Technical owner for delivery and the product used for development ➤ Multiple different consulting related engagements which includes <ul style="list-style-type: none"> ➤ PoC on the Zaloni product ➤ Big Data and Cloud services components ➤ Architecture blueprint and components

	➤ New opportunities artifacts like RLS, estimation, solution components, PoC, consulting
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WNS Global Services

Company	WNS Global Services, Bangalore
Period	Sep 2017 – Aug 2018
Position	Snr Group Manager – Head, Analytics Delivery unit
Responsibilities	<ul style="list-style-type: none"> ➤ Leading a team of Architects, Leads and Developers and managing different projects for the Analytics delivery unit ➤ Providing Solutions on various BI and Cloud based proposals ➤ Part of many PoCs on new technologies to create value-based solutions ➤ Project Implementations and Delivery ➤ Supporting Sales, vertical and delivery teams in handling RFP, RFI, PoCs and customer expectations ➤ Part of the Org. wide core technical team working towards Improving Analytics Journey

Tech Mahindra

Company	Tech Mahindra, Bangalore
Position	Head of Big Data Solutions / Principal Solution Architect
Period	Apr 2015 – Aug 2017
Responsibilities	<ul style="list-style-type: none"> ➤ Solution Head for Telco Big Data Solutions across globe and managed the Vendors, Customers, Different verticals, Delivery units for multiple opportunities in the space of Data and Big Data and handled all the steps of the lifecycle of RFP, RFQ, RFI ➤ Architecting solutions for Big Data, Cloud, Data and Analytics proposals ➤ Design and own end to end Big Data based solutions that also includes key decision-making role in hardware sizing, vendor selection, effort estimations, project planning and customer presentation ➤ Manage Hadoop Cloudera and Hortonworks based cluster and conduct PoC for the solutions ➤ Lead the architect board that reviews and provides suggestion and implement architectural changes for all the Big data-based delivery projects ➤ PoC execution and use cases execution as per the customer requirements ➤ Supporting Sales team, vertical and delivery teams in handling RFP, RFI, PoCs ➤ Big Data setup and team enablement ➤ Part of multiple Big data development projects in a different capacity that included designer, architect, or consultant ➤ Lead many large big data solutions at proposal stage with customers across India, Middle East, Asia, Europe, Canada and USA
Period	Dec2012 – Nov 2013
Responsibilities	<ul style="list-style-type: none"> ➤ Setup and managed Big Data practice by setting up 20 node Hadoop cluster on Cloudera distribution ➤ Conducted a large pilot project for customer at the Cloudera cluster by managing a team of 30+ resources and created reusable and standard scripts, best practice for future implementations ➤ Completed a customer project on Hadoop cloudera as technical architect ➤ Lead two Hadoop based PoC projects on the capabilities and showcase the capabilities for a DWH migration to Hadoop platform ➤ Setup Informatica practice within Tech Mahindra Data Migration team ➤ Setup Informatica competencies by providing classroom trainings to up to 25 associates ➤ Installation, configuration of Informatica 9.5.1 to multiple nodes and exploring and building capabilities within the team for BDE(Big data edition)
Tools	Cloudera, Informatica, Hadoop ecosystem, Hortonworks, Hive, Pig Latin, Mapreduce, HBase

Cartol Solutions

Company	Cartol Solutions, Bangalore
Period	Aug 2014 – Mar 2015
Position	Founder
Responsibilities	<ul style="list-style-type: none"> ➤ Setup a web development service company providing technical expertise in multiple web development areas that included Development, SEO and Lead Generation ➤ Owned and managed different areas of the project lifecycle that included sales through multiple channels, marketing through SEO and SEM and team hiring and management ➤ Development based at PHP, Laravel, Wordpress, MySQL etc

Wipro Infotech

Company	Wipro Infotech, Bangalore
Period	Nov 2013 – July 2014
Position	Lead Architect, Gulf Presales Lead, Big Data Practice Lead
Responsibilities	<ul style="list-style-type: none"> ➤ Lead Architect for Middle east region and handled multiple deals at UAE and Qatar ➤ Leading Wipro Infotech Big data initiatives in India and Middle East market ➤ Architecting solutions for various India and Middle east-based proposals for the Analytics and Information management team ➤ Estimation, Costing, and Implementation plan preparation for the proposed solution ➤ Solution Discussion with OEMs and BOM discussion ➤ Customer presentation on the proposal solutions ➤ PoC execution and use cases execution as per the customer requirements ➤ Supporting Sales team, vertical and delivery teams in handling RFP, RFI, RFQ and PoCs ➤ Big Data setup and team enablement

Tata Consultancy Services

Client Name	Glaxo SmithKline (GSK)
Period	Nov2011 - Nov2012
Position	Business Intelligence Solution Architect
Responsibilities	<ul style="list-style-type: none"> ➤ Driving the overall requirement and development activities ➤ Capturing and analysis of the ODW and BI requirements by working closely with the GSK BA and other stakeholders [from Business as well as IT] ➤ Providing the high-level solution strategy, data models and design elements ➤ Leading Data Modelling, ETL and Solution team ➤ Assess the feasibility of requirements realization ➤ Prepare DWH reference document
Tools	ER/Studio, Informatica

Client Name	Cardinal Health
Period	May 2011 - July 2011
Position	Business Integrator (Health Physics – Nuclear Pharmacy Solutions)
Responsibilities	As a business Integrator for the Health Physics module, my responsibility was to have detailed sessions with business SMEs like Cardinal pharmacist and understand their current requirements and their good to have ideas for the new product. I then had to analyze the requirements with to be built solution for its feasibility and then document the requirements. Also my role requires me to deal with the offshore team to get other work like data model and other related documents done.

Client Name	Eli Lilly and Company, Indianapolis, Indiana
Period	Nov 2009 - Apr 2011
Position	Business Integrator and Informatica Consultant
Responsibilities	<ul style="list-style-type: none"> ➤ Responsible for two different data and application migration projects from Oracle to Netezza. ➤ Development of Netezza and Oracle based scripts ➤ Coordinate with Lilly team to create project plan and work assignments ➤ Monitoring the execution of the project and its performance ➤ Manage status reporting to Lilly Manager and TCS management. ➤ Monitoring the day to day activities and ensuring that the quality processes are adhered ➤ Coordinating with different support groups like DBAs, Informatica Support and Quality team ➤ Managing the schedule of the deliverable milestones
Products	Oracle10g, Netezza, Shell Scripts

Client Name	The Hartford Insurance Company, Hartford, CT, USA
Title	Catastrophic Data Facility (CDF) & Natural Peril (NP)
Period	Oct2006 - Sep 2009
Position	Solution Specialist, Data Architect & ETL Developer
Responsibilities	<ul style="list-style-type: none"> ➤ Development and Support of the CDF application

	<ul style="list-style-type: none"> ➤ Managing Team distributed at onsite and offshore ➤ Capacity planning for the organic/project growth ➤ Gathering customer requirement & providing Project Estimates (ROM & Detail) ➤ Responsible for the Environment setup (Prod/Non-Prod) and production releases ➤ Capturing Functional Requirements, Impact Analysis & technical feasibility due to Invest work ➤ Technical Design, Code development and testing ➤ Evaluation and selection of packages, tools, and external vendors ➤ Production performance evaluation & improvements ➤ Enforce Application Development standards and best practices. ➤ Support Application Access Control ➤ Preparing the different matrices and project reporting
Project	<p>The project CDF is for Creating and managing data warehousing for supporting The Hartford Few Applications which deals with the data from Claims, Personal Lines and Life systems. The project loads the data coming from multiple sources into Atomic Area by running jobs at multiple frequencies and builds Data warehouse for Active Inforce Policies and sends the data to different downstream applications for reporting</p> <p>The project Natural Peril (NP) is for supporting The Hartford Risk Management to analyze the company risk profile scenario based upon a natural peril like Earthquake, wind stream etc. .The Project was to create data warehouse and load data from all the Hartford's different lines like Commercial Lines, Personal Lines.</p>
Products	Oracle10g, Unix shell scripts, Informatica PowerCenter

Client Name	Polaris, Santa Clara, US
Title	Polaris Dispatcher
Period	Jan2006 - Sept2006
Position	Database Engineer & Data Modeler
Responsibilities	<ul style="list-style-type: none"> ➤ As a Database Engineer my responsibility includes designing logical and physical database and developing the database on MySQL and Oracle, writing procedures and tuning the database ➤ As a System administrator my responsibility includes administering Sun Sparc Solaris, Creating and managing users and spaces and installing and managing different software on the Solaris server
Project	Polaris Dispatcher is a product for Polaris for waypoint generation and conducting drive tests.
Products	MySQL, Oracle9i, Oracle Enterprise Manager (OEM)

Client Name	United Utilities, Warrington, UK
Title	Connect Integration & Data Migration Team
Period	Mar 2005 - Dec 2005
Position	Informatica Developer and Designer
Responsibilities	<ul style="list-style-type: none"> ➤ Building up a new environment for Informatica ➤ Building and Administering repositories for informatica on Oracle ➤ Developing Informatica Codes for different modules involved in Initial Data load ➤ Conducting Integration Testing for different modules based on Informatica ➤ Bug Fixes to Informatica Codes and Shell Scripts ➤ Owns full responsibility for Informatica related stuffs ➤ End-to-end design, development and build of interfaces using Informatica Power Center.
Project	<p>United Utilities is one of the leading Utilities companies of UK, involved in services like distribution of Electricity, Supply and distribution of Water and treatment of Wastewater.</p> <p>The connect Integration team aims for data integration between different modules inside the Connect by scheduling the batches which will run appropriately to satisfy business needs such as Address Management System , Multi Utility Geographical System, Water billing system</p>
Products	Unix Shell Scripts, Oracle9i, Informatica7.1.2,

Client Name	Merrill Lynch Investment Managers, UK
Title	Orion CDR Team, Eagle Pace Support
Period	Apr 2003 to Mar 2005
Position	Team Leader of Orion CDR team and Eagle Pace Support team

Responsibilities	<ul style="list-style-type: none"> ➤ Production Support, Maintenance and Enhancement ➤ Requirements Understanding & Development, Managing Adhoc requests, Impact Analysis ➤ Preparation of System Overview Document, Technical Specification documents ➤ Project planning, Giving Training to other Team Members. ➤ Preparing Weekly & Monthly Status reports
Project	<p>The Orion program at Merrill Lynch Investment Managers (MLIM) allows MLIM to take control of its own data and key fund manager applications.</p> <p>Eagle Pace is a packaged database hub and reporting tool which is used by MLIM as its core data repository (CDR) for sending client standing data to different Groups in order to satisfy their needs</p>
Products	Oracle9i PL/SQL, Shell Scripts, Informatica PowerCenter, EaglePace

Title	Implementation and support for UPHDB Application
Client	UP Housing and Development Board, Lucknow
Period	November2001 - March2003
Position	Team Member
Responsibilities	<ul style="list-style-type: none"> • Development and maintaining the existing software, coded on AutoLISP language (supporting language for AutoCAD), Visual Basic and Avenue languages • Wrote new functionalities on AutoLISP • Looking after the GIS-APD and APD-CAD module using three languages AutoLISP, AVENUE and Visual Basic , MS Access as database
	Oracle, Toad, AutoCAD, Arcview, Visual Basic, PL/SQL ,AutoCAD, Auto LISP, ArcView, Avenue