

**SUMMARY**

- 16+ Years of overall experience in designing, developing and implementing complex data solutions across various industries
- Proven expertise in data warehousing, data integration and big data technologies, leveraging tools like Airflow, Informatica, Teradata, Bigquery and cloud platforms like AWS & GCP
- Demonstrated ability to lead diverse teams, drive innovation and deliver high quality solutions and products that meet business objectives
- Implementation expertise on multiple data paradigms including data quality, data governance, data warehousing and cloud technologies

**EDUCATION****Master of Science, Computer Science and Engineering****Aug 2009-May 2011**

University at Buffalo, The State University of New York

**Bachelor of Technology, Information Technology****Aug 2002-May 2006**

Anna University, Chennai India

**WORK EXPERIENCE****Samsung – Director (Deputy General Manager)****Feb 2022 – Present**

- Successfully led engineering initiatives for cloud migration, data security restoration and new data source ingestion, contributing to the organization's digital transformation goals
- Played a strategic role in technical planning, hiring, team management, stakeholder management, and product development.
- Provided leadership and mentorship to a team of 60+ members across different geographies, including partner and vendor resources.
- Delivered high-quality data products that resulted in 1.5 million new opt-ins for marketing initiatives and \$180 million in total marketing revenue through hyper-personalization.
- Completed a full revamp of the legacy codebase, focusing on automation, cloud digital transformation, and pattern-based development to improve efficiency and scalability
- Worked on an internal LLM based system for semantic layer querying using natural language to be used by marketers to identify better segmentation

**Informatica LLC – Technical Manager****Jan 2012 - Feb 2022**

- Trusted advisor for Informatica products helping Informatica's most strategic customers maximize ROI on Informatica platform. Served as the Enterprise Architect, Technology Strategist and Sr. Individual contributor for several clients helping them achieve their digital transformation goals
- Architecture & Delivery for several data integration, data quality, data governance and Big Data projects in multiple domains including Banking, Insurance, Healthcare and Logistics
- Managed multiple teams of on-site and off-site resources across client organizations and mentored talent within Informatica
- Primary work responsibilities include Enterprise Architecture, Project management, Delivery, Resource and budget planning, Account expansion, technical strategy consulting and mentoring team members
- Provided support to Pre-Sales and Sales teams in executing successful POCs and providing implementation RFPs for professional services.
- Major accomplishments include successful implementation of real-time data analytics platform for bond trading at major Middle eastern bank, implementation of machine learning based prediction system of PD, LGD and EAD for credit risk management at major Middle eastern bank, next gen virtualization solution at Investment Bank, data archiving solution at healthcare organization, implementation of data governance and data analytics solutions at multiple organizations in Pharma, Investment Banking, Insurance and Retail sectors
- Provided technical architecture, account management and project management to major ELA customers with cumulative license subscription worth more than \$12 million, in data integration, digital transformation, big data and machine learning projects
- Provided presales and sales support to close license deals worth over \$9 million and generated leads for professional services worth over \$400K in one year

**KPI Partners Inc, Newark, CA, USA - Consultant****May 2010 – Jan 2012**

- Data warehousing and Business Intelligence development for various organizations including Amazon, Experian, SDUSD, Qualcomm

**Infosys Technologies Limited, Chennai, India – Software Engineer****Jul 2006 – Jul 2009**

- Handled critical projects and delivered excellent solutions to complex business problems to Bank of America as a data warehousing specialist. Complete SDLC cycles were followed at CMM level 5 standards.

## **OTHER ACCOMPLISHMENTS**

- “A Comprehensive Security Model for Patient Data warehouse”, World Congress on Computer Science and Engineering, Las Vegas, 2011

## **TECHNICAL SKILLS**

- Programming Languages: Java, Python
- Big Data Technologies: PySpark, Airflow, Hive, Informatica BDM, Informatica EDC, Kafka Streaming
- Databases: Bigquery, Neo4J, MySQL, Postgresql, Teradata, Oracle, MSSQL, Oracle Exadata
- Cloud Technologies: AWS(ECS, S3, Quicksight, Compute), GCP(Compute, Vertex AI, IAM, Bigquery, Composer, Dataproc)
- Frameworks: Tensorflow, DL4J, Keras, FIX protocol framework
- Informatica Technologies: Powercenter, Data Quality, Data Services, Rulepoint, Enterprise Data Catalog, Axon, ILM, Big Data Management Suite, Big Data Streaming Suite, Data Masking, Data Transformation
- Other Tools: Grafana, Oracle DAC, Oracle BIAPPS, Talend, Orange, Knime