**Gautam Prothia**

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*(Authorized to work in US And open to Re-location)*

*Accomplished IT leader with 20+ years of experience in Product Engineering and Business IT initiatives. Expertise in bringing new products to market in area of Big Data, Master Data Management, Health Care Analytics , ERP in software as a service (SaaS), platform as a service (PaaS), cloud model. Excel at technology strategy development and execution, scalable system architecture, team management and global delivery.*

*Extensive experience in implementation of custom Data Warehousing, BI solutions for large enterprises. Strong Health Care domain knowledge and expertise creating innovative analytical applications for Population Health Management, Risk Adjustment, Payment Integrity, and Cost/Utilization reporting.*

Product Development and Engineering:

* Managed complete product life -cycle from conceptualization to roadmap definition, launching product, backlog creation, upgrades and supporting a large customer base. Led initiatives to re-architect legacy products and convert from on-premises to SaaS model.
* Hands-on approach of driving best practices of engineering, quality assurance and delivery using both Agile and tradition waterfall methodologies.
* Build leading commercial products at Oracle and Optum used by scores of clients in health care and other industries. Few example are given below
  + Currently building Big Data Platform as a service to meet the enterprise data, analytical needs of largest Health Care payer and support myriad of uses cases and workloads.
  + Conceptualized and build Optum Edge Server to cater to needs of Health Care Payers to meet compliance requirements of Affordable Care Act (ACA). Product was built in a span of 9 months and in 2 years of existence has been implemented successfully at dozen client sites and generated revenue of 20M+ revenue.
  + Architected Trading Community Architecture (TCA) as a single source of high quality customer data as foundation for enabling data/business integration across E Business Suite. Evolved TCA to a full-fledged commercial product with comprehensive Master data management capabilities and sold to customers

Enterprise Information Management:

* Led delivery of large-scale DWH, BI, MDM programs and held responsibilities spanning strategy, architecture, business engagement and delivery.
* Immense experience working with clients to assess the current state of their Information Management strategy and develop future state model/roadmaps. Developed strategies to supplement traditional DWH with emerging technologies like Big Data to lower costs and improve SLAs.
* Strong track record of delivering Data Warehousing, MDM and Business Intelligence programs to enable important business initiatives in Health Care and Banking verticals. Few examples include –
  + Build industry’s largest Health Care Data Warehouse platform to consolidate Claims, Enrollment, clinical data for more than 30M members.
  + An MDM implementation to create a single view of Institutional customer for large multinational bank.
  + Anti – Money laundering system for a large multi-national bank to meet regulatory requirements
* Large scale off-shoring experience including the establishment of new captive off -shore centers and leadership of Global programs for IT and Product Engineering with teams of 100+ people.
* Extensive experience across myriad of Enterprise IT functions from CIO office to Architecture, Delivery and Operations. Defining multi-year roadmaps for large transformational programs in areas of Information Management and corporate systems for HR, Finance, and Compliance.

**EDUCATION and PROFESSIONAL DEVELOPMENT \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

* **MBA,** San Jose State University, San Jose, CA
* **Bachelor of Engineering,** Indian Institute of Technology – Delhi, India
* **Executive Development Program -** Optum

**AWARDS/PATENTS \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

* Patents in  Data Quality Management.: US Patent No 7,155,427, Configurable search tool for finding and scoring non-exact matches in a relational database
* Received the CEO Award for Operational Excellence at iGate Global Solutions.
* Authored and presented papers in OAUG conference

**SPECIALITIES \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

* Program Strategy
* Program Management
* Solution Architecture and Design
* Data Warehousing, Business Intelligence
* Data Architecture, Data Modeling, Data Quality, Databases.
* Big Data Tools (Hadoop, HDFS , Apache Hive, Apache Flume, Apache Spark, Apache Sqoop, HBase and other open source tools)
* Health Care Analytics
* Health Care Payer and Provider Domains
* Oracle ERP, CRM
* Oracle RDBMS, Development Tools
* Master Data Management (MDM)
* IBM InfoSphere, MDM tools, Data Stage
* SOA and Web Services
* Product Strategy
* Product Life Cycle Management
* Agile Methodology

**PROFESSIONAL EXPERIENCE \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

**Director Optum Data Management, Optum** (part ofUnited Health Group) – Eden Prairie, MN, Jan 2011 to Present

*During my 6 year tenure at ODM , I have spearheaded various initiatives to build new Data platforms , Analytical solutions, modernize legacy DWH systems with vision to make high quality data easily accessible to all stakeholders.*

Big Data Program:

* Managing teams across geographies responsible for building Optum’s Big Data Platform as a Service – BDPaaS. Different components of BDPaaS include i) Data Management Fwk – Configuration and Meta driven capability to transport, integrate and enrich all kinds of data ii) Data Lake – Hadoop based data repository populated with healthcare data from operational systems. iii) Consumer 360 – Integrated customer data from multiple operational systems to create a holistic view of the consumer and provide pre-built views for consumption iv) MDM Services for finding common consumer identifier for linking the data and create golden copy.
* Leading all facets of software development life cycle including defining product roadmaps, feasibility analysis and Architecture, solution design, project planning, implementation, testing, deployment and support.
* Extensive experience in integrating various open-source tools and engines with Hadoop ecosystem including Hive, Hbase, Sqoop, MapReduce, Splunk. Continuously evaluating new open-source tools and incorporating them into the BDPass platform.
* Delivered several releases of Optum’s BdPaaS platform to perform at petabyte+ scale with enterprise level support and governance. Myriad of use cases for data preparation, ETL workloads, interaction with BI tools, analytics, machine learning.
* Experience in hiring, managing teams distributed across geographies and building competencies in emerging areas like Big Data. Improved and matured product development processes using Agile Methodology.

Analytical Solutions for Healthcare Market:

* Incubated new Analytical products to address emerging needs of Health Care market. Products were developed rapidly using Agile Methodology and implemented at multiple client sites . Few examples:
* Edge Server and Risk Analytics solution to help Payers meet the Affordable Care Act (ACA) compliance requirements.
* Provider Analytics to cater to Hospital systems with multiple HIS and corporate systems. Formulated end-to-end solution blue print to integrate clinical, financial and operational data packaged with pre-build BI reports.
* Led and owned the product development from conception to architecture, development, launch plans, implementation, managed services, and RFP responses in support for Sales.

Enterprise Data Warehouse:

* Led the delivery Unified Data Warehouse program (UDW) to migrate 10+ legacy data marts to a newly created Data Warehouse system on Teradata. UDW would hold enrollment, claims , financial and medical data of more than 30M + UHC’s members.
* Managed various work streams to build the technical foundation, established efficient processes for sourcing data from more than 100+ source systems and integrating data.
* Defined data standards, common Health Care Data Model and established robust data quality framework.
* Worked on a multi year plan to create parity with legacy data marts and retire them.
* Managed a multi-shore team consisting of Business Analysts, Database Architects, ETL developers, Project Managers, Quality Assurance Engineers, support engineers.

**Solution Delivery Manager - Enterprise Applications Group (DWH, BI and ERP systems) ,** ANZ BANK - Melbourne Australia and Banglore India, Jun 2007 to Dec 2010

* Led a global team to rollout ANZ’s single view of the customer across the Institutional business. Responsibilities included the following:
* Defined the Enterprise strategy and roadmap for Customer Data Integration and evaluated vendors products for MDM.
* Led multiple projects to implement MDM platform using Implemented IBM MDM’s and InfoSphere stack and integrate data from more than 15 systems across Institutional and retail businesses.
* Created Data Governance rules and Architecture  to ensure there are guidelines and quality controls to accomplish consistent solution across the enterprise.
* Managed core team of designers, architects and Delivery team consisting of vendor resources to execute projects. Setup a COE from scratch to implement processes to deliver new MDM initiatives.
* Worked closely with the Business Stakeholders to educate them on benefits , prepare business cases for investments,  and designed various processes for data stewardship and business governance.
* Delivered several large transformation programs to help bank modernize the portfolio of its Corporate applications, transition to Shared Services Model and implement global platforms.
* Rollout of PeopleSoft HCM System across 20 countries in Asia Pacific
* Implementation of Financial systems  in Indonesia, Cambodia and Vietnam.
* A large professional services transformation program to deploy Talent Management, Portal, Performance, Learning Management and recruitment Systems.

**Practice Head,** Oracle Apps Practice, iGATE–Apr 2004 to Jun 2007

* Practice leader responsible for operations, strategic management of a large group (150+ consultants) and growth of the Oracle practice. Responsible for the management of multiple projects and ensuring delivery as per the agreed SLAs and commitments to clients.

**Group Manager, Trading Community Architecture Team,** ORACLE CORPORATION – Redwood Shores,CA, Jan 2000 to Mar 2004

* Led over 30 + team members within global Engineering and Product Management groups in architecture, development, and release of Customer Data Management suite- MDM/DQ and common customer foundation (a.k.a TCA)
* Ensured requirements from over 30 CRM and ERP modules within E Business Suite were catered within TCA. Created capabilities to provide single source of high quality customer data as foundation for enabling data/business integration across E Business Suite.
* Achieved multiple on-time, successful product releases through collaborating with several product teams, educated teams on new features and how to uptake them in their products.
* Served as the key Subject Matter Expert for critical diligence activities as part of partnering and integrating with 3rd-party vendors on MDM/DQ tools.
* Evolved TCA as an independent product that can work without installing E Business Suite and licensed separately. Developed MDM capabilities and an open architecture to allow integration of Customer data from non-Oracle applications within the Enterprise.
* Developed patent winning Data Quality Management technology for customer de-duplication. This is embedded in Oracle E Business suite of products.

**Project Lead, Oracle Projects Development Team,** ORACLE CORPORATION – Redwood Shores,CA, Jan 1996 to Dec 1999

* Developed new Budgeting Workbench for Oracle Projects to manage the financial performance through project life cycle. Build a brand new User Interface with intuitive flow, new features and integration with Desktop tool.
* Extended Oracle Projects and Oracle Assets to launch Oracle CRL (Capital Resource Logistics) for the Communications industry. Oracle CRL address the unique needs of Telco and utilities companies to track assets through its life cycle from creation to retirement.
* Created a unique approach/architecture to allow delivering industry specific functionality through extensions to base product thereby making maintenance and upgrades easier.

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