

## **BFSI Engineering Delivery Head – Head of Digital and Cloud Transformation**

With an international background in business and technology, I have built and delivered BFSI products and solutions to the USA, UK, France, and Middle East markets for over 25 years. I pride myself on focusing on delivering strategic outcomes for clients using the latest technologies, cloud, agile, and DevOps. I have built products for over ten years, working for companies like Fidelity and Sopra Banking Software. I have built solutions and delivered consulting services for over 15 years for Tier I clients like RBS, UBS, HSBC, ADIA, and P66.

I have managed large multi-country implementations, done new business development across regions, and built customer-facing BFSI solutions by creating successful teams, ODCs, and businesses.

I have created centers of excellence (COE) and communities for fostering digital, cloud, and data skills while leading hiring and training to grow the COEs.

I have brought about digital transformation, business and process transformation, technology transformation, cloud transformation, and agile-DevOps transformation for global teams and enterprise clients. I have created and executed the vision, strategy, and roadmap for such transformations.

Before joining Sopra Banking as the Portfolio Engineering head and heading the Digital & Cloud Transformation, I was a Senior Director of BFSI, the Engineering Delivery Head, and Digital Transformation lead for Publicis Sapient, a large global technology services organization.

I have strong experience in sales, contract negotiations, recruiting, training, business analysis, development, testing, and support.

In addition to the above, some of my skills are Business Planning, Consulting, Program Management, Project Management, Product Development, Process improvement, Account Management, P&L Management, Risk Management, Finance, Budgeting, and Operations Management.

My technical skills include Cloud (AWS, Google, Azure), Big Data, AI, ML, Data Science, and Data Engineering. I have delivered multiple solutions using technologies like Java, Python, R, .Net, C#, Microservices, Hadoop, MongoDB, Angular, SQL, C++, HTML, and JavaScript.

My domain skills include BFSI, Investment Banking, Capital Markets, Retail Banking, Investment Management, Equity, Equity Derivatives, Fixed Income, Market Risk, Regulatory Reporting, Lending, Mortgages, and 401K.

I hold multiple agile and technical certifications and will earn a Masters's degree in Data Science from the University of Illinois Urbana-Champaign in December 2022.

My technical foundation as a developer and architect in implementing solutions and my subsequent leadership, business, and digital transformation skills are the basis of my continued success in project delivery. I am a tech guy at heart, and ensuring that teams deliver customer value quickly, and continue to improve, is what energizes me.

## **Highlights / Accomplishments**

- Led multiple digital transformation journeys for Tier I banks by leveraging cloud, data, Java, .Net, Python, cutting-edge technologies, DevOps, and agile, resulting in 20M+USD savings for banks.
- Built Data Analytics & Insight Solutions to optimize pipelines for a Tier I commodity client.
- Built a Data lake for market risk data for Tier I Investment Bank using Big Data technologies.
- Built a Tier I bank ODC to 400+ size with 40+ Million USD annual revenue across all asset classes.
- Set up a Tier I Investment management ODC.
- Renowned in the company as an expert on Digital Transformation, Data Transformation, Agile, and DevOps.

## **Certifications**

- Agile Certifications: Certified Scrum Professional (CSP), Certified Scrum Master (CSM), Certified SAFe Agelist.
- Technical Certifications: Certified Google Cloud (GCP) Data Engineer, Certified Google Cloud (GCP) Architect, MongoDB University Certified Developer.

## Articles and Publications

- Financial Sentiment Analysis using FinBert - <https://bit.ly/3GTW8ce>
- Loan Origination with Machine Learning and Robotic Process Automation (RPA) - <https://bit.ly/3K04iRS>
- Data Visualization: Why 3D charts are a terrible idea - <https://bit.ly/3sK6hTZ>

## Experience

### Sopra Banking Software, India

#### Portfolio Engineering Head, Leading Digital & Cloud Transformation | 2020-Present

- Spearheading the digital transformation and delivering Mortgage & Saving products with high speed, quality, and value.
- Leading digital & cloud transformation of the Regulatory Reporting product using data engineering, AWS, MongoDB, Microservices, Angular, and Java technologies.
- Painted the vision and laid out the strategy of continuous and frequent delivery with high automation for the team. Bought the leaders into accepting the change. Accelerated cultural change by regular communication, recognizing and rewarding the correct behavior, and creating north stars and champions. I implemented new agile processes and organization structure. The team has undergone a cultural transformation and mindset change, doing more with fewer people. KPIs about code, quality, agile, and DevOps have been created, tracked, and reported with a focus on continuous improvement.
- I kicked off an architect COE and community across the company. The result was that the architects started leveraging each other's knowledge and code, started doing biweekly tech talks, and started writing technical blogs.

### Publicis Sapient, India

#### Senior Director BFSI, Engineering Delivery Head, Leading Digital & Cloud Transformation | 2016 to 2020

Delivery Head & Digital Transformation Lead For Tier 1 commodity client | 2019-2020

Transformation Consultant in the Middle East | 2018-2019

Delivery Head, Digital Transformation Lead For Tier I Investment bank in Europe | 2016-2018

#### Technical Delivery Head, Agile and DevOps Transformation Lead | 2013 to 2016

Delivery Head & Agile Transformation Lead For Tier I investment bank in the US | 2014-2016

Product Delivery Head for Regulatory reporting product | 2013-2014

#### Operations, Hiring, Capacity Planning Lead | 2012-2013

#### ODC Engineering Delivery Head & Sales Lead | 2006-2011

#### Senior Director BFSI, Engineering Delivery Head, Leading Digital & Cloud Transformation

- Built a Data Analytics & Insight Solutions on Azure cloud to optimize pipelines for Tier I commodity client. I was the Delivery Head, Digital & Cloud Transformation lead, and Agile coach for the team. I used the strategy of training the team on agile and cloud before the engagement. I created the code, quality, agile, and DevOps KPIs that were tracked. Ensured 100% unit and functional automation. Had all release pipelines automated. The result was that the team released to production every two weeks. 1M+ USD were saved in the first quarter
- For a Tier I investment bank, built a Big Data lake for market risk data using Hadoop when no team was available. I created a strategy of a slow ramp-up, with experts up front, 100% automation, and two weekly releases, and bought the client into the strategy. I then trained a team of 60 Java developers in BigData with a 4-week hands-on training, created multiple scrum teams with 1 SME per team, and delivered the solution. The solution saved the bank a lot of money since they could decommission existing data stores.
- A Tier I bank Hadoop Data lake solution did not perform. Due to the temporal nature of data and the immutable nature of HDFS, many rows were created, resulting in slow queries. I led the research for the solution and found MongoDB to be faster and ported the read/write microservice to use MongoDB. The result was that the queries were very fast, and we saved a 2M+ USD rewrite
- As a Transformation consultant for the Middle East, I identified speed, quality & value improvement opportunities using design thinking and value stream mapping for multiple bank teams. This resulted in business savings and increased productivity.

#### Technical Delivery Head, Agile and DevOps Transformation Lead

- Converted all the projects of a tier I investment bank ODC to agile. I laid out the agile transformation strategy for the ODC and brought in the client stakeholders. Then I implemented the strategy, which included extensive training, agile coaching, and agile intervention. The result was that within one year, all the projects in the ODC were agile and doing more frequent deliveries.

## ODC Engineering Delivery Head and Sales Lead

- I sold and grew an ODC for a Tier I investment bank. I built relationships with different client stakeholders, showcased the domain and technical expertise, negotiated the MSA with procurement, closed the deal, and finally aggressively sold to various buying centers. The result was that I grew an ODC to 400+ people with 40M+ USD revenue

## Fidelity Investments, USA

ODC Engineering Delivery Head, Bangalore | 2004-2006

Senior Development Manager, USA | 2002-2003

Development Manager, USA | 2001-2002

Architect & Lead Developer, USA | 2000-2001

- I set up an ODC for Fidelity Institutional eBusiness from scratch despite the US staff being unwilling to send any work offshore. I focused on hiring high-quality talent, set up processes that ensured predictable high-quality delivery, and used my expert stakeholder management and people skills to ramp up the ODC to 100+.
- As Senior Development Manager: Delivered the one Fidelity program that integrated retail and institutional sites for a consistent customer experience.

## Infinium Software, USA

Lead Developer | 1997-2000

## NIIT Software Exports, India

Developer | 1995-1997

## Education

- Masters in Computer Science (Data Science) | the University of Illinois at Urbana-Champaign (UIUC) | December 2022
- Bachelor in Technology (Computer Engineering) | Mangalore University

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## Keywords for Search Engine Optimization

Customer Success, Customer Focus, Continuous Improvement, Scaling team, Hiring, Strong communication, Interpersonal skills, Managing Enterprise Applications, Problem solving, Analytical, Strategic planning, Leading distributed team, Build high performance team, IT leader, Design, Development, Key Performance Indicators, Solution Integrator, Account management, Account Leader, Client liaison, Senior Vice President, Senior Director, Head of Engineering, Strategic thinking, Work under pressure, Attention to detail, Accountability, Business Acumen, Result oriented, Result focused, Cost effective, Decision making, Hybrid cloud, Secure, scalable & robust platform, Scalability, + years of working experience, Seasoned leader, Timely delivery, Large Scale, Knowledgeable, Innovative, Creative, Innovation, Learner, Collaborative, Backend, Frontend, Infrastructure, Architecture, System Design, server-side engineering, UI, Mentor, Subject matter expert, managing priorities, Scrumban, Kanban, Lean, Six Sigma, Business process re-engineering, Digital project, Robotic Process Automation RPA bots, cross-functional, Visual stream mapping VSM, Digital tools, CI CD, CI/CD, CI-CD, Influencing skills, people leadership, people management, impact, process improvement, domain exposure, planning, coordination, executive, senior leadership, strategic direction, best engineering practices, motivate, production, recruitment, premier engineering institute, engineering excellence, Big Data, Full stack delivery, Enterprise & Scalable Architecture, Database, GTM (go to market) strategies, Technology And Business Leadership | Setting Up, Growing Teams | Digital Leader for Organizations, Building Products, Solutions, Applications - Consulting - Strategic Delivery Management - Senior Leadership Management - Strategy for Digital Transformation, Data Transformation, Cloud Transformation, Agile Transformation, DevOps Transformation - IT Roadmap - Business Analytics and Insights - AI / ML / Data Science / Data Engineering - Sales - P&L Management - Strategic Program Management - Strategic Project Management - Client & Stakeholder Management, BFSI: Investment Banking | Capital Markets | Retail Banking | Investment Management, Equity, Equity Derivatives, Fixed Income, Market Risk, Credit Risk, Regulatory Reporting, Mortgages, Lending, 401K, Java 8, .Net, Python, R, Azure DevOps, AWS, Google Cloud, MongoDB, Redis,