AMAN GARG

agarg@sei.com | sei.com

PROFESSIONAL BACKGROUND

Aman brings over 20 years of experience in Data and Analytics Strategy and Execution, Data Management, Business Process Re-Engineering and Organization Change Management. He has led large, highly-visible projects in Data Management, bringing a vast experience in transforming organizations through Data Modernization, Data Governance and Analytics. His strong analytical and technical skills combined with effective management and leadership abilities enable the delivery of cost-effective solutions to complex business problems. Mr. Garg delivers analytical solutions to organizations through discovery, analysis, data engineering, advanced analytics, collaborating with SME's and stakeholders to deliver and present data in usable and meaningful ways, enabling informed decisions and in many cases challenge the status quo. His ability to engage with technical and business teams, with an agile approach, enables faster turnaround and better, deeper insights and action through data.

SELECTION OF RELEVANT EXPERIENCE

Advanced Analytics Product Owner, Data Analyst and Data Engineer

A major gas distribution company, was looking for transforming its Network Safety Operating Model from reactive to proactive. Mr. Garg along with an SEI data scientist built an analytical solution to identify, corelate and help highlight emerging and compounding risk patterns, which included , but not limited to their physical assets, gas leakage history and excavation activities. Having this information at hand, being able to predict the likelihood of high-risk incidents where a pattern of gas leaks are likely to occur and the factors that could lead to such outcomes would enable the network safety operations to take preventative actions and reduce or eliminate the likelihood of a detrimental outcome, thus reducing risks and damages significantly. Mr. Garg was the program manager, running the initiative in an agile framework, was the data analyst, built the data engineering pipelines using Alteryx, used machine learning and data science techniques produced by the data scientist, embedded them in the data engineering framework and presented outcomes to stakeholders, field operations and the client leadership using a combination of outputs through Alteryx and Tableau. Mr. Garg helped deploy the solution in production with near real time refresh rates. As part of the engagement, Mr. Garg collaborated with the stakeholders, the client data science and data engineering team, IT Infrastructure and platforms group, educating and coaching all the team members as the solution and model evolved. Mr. Garg helped architect the final solution in AWS, Snowflake, Alteryx and Tableau to run near real time.

Data Analytics, Data Analyst and Data Strategy Consultant

A major pharmaceutical company engaged Mr. Garg to help them build an analytics framework to understand if their commercial holistic medical education initiatives across the globe were having an impact at the patient level. The first line of business was to identify if and where we could find reliable data to build a holistic view of the key metrics that would provide insights into HCP behavior or mindset in patient interactions post the various education events. Mr. Garg coordinated and met with more than 55 business and technology stakeholders across 40 countries, analyzed data from over 30 applications and systems, including financial, logistical and participation data and provided an assessment on the availability and reliability of the information for 12 different types of education events. Mr. Garg built prototype dashboards and analytics solutions using tableau and data extracts incrementally to provide insights and metrics to the business stakeholders for each education program across all the countries across the globe. Mr. Garg also worked with the data warehousing team to define and architect the data pipelines and data models in AWS using glue, S3 and Redshift and deliver insights and dashboards in Tableau.

Technology Expertise

- Cloud Platforms – AWS, Azure
- SQL Server, Databricks, Snowflake, Oracle
- Data Integration / Data Quality – Informatica, Data Stage
- Advanced Analytics and Visualisation
- MDM / CDP
- Tableau; Alteryx; PowerBI; Qlik

Functional Expertise

- Digital Transformation
- CRM; CLM; Customer Science
- Fraud Detection
- Marketing and Sales
- Supply Chain
- Revenue Lifecycle Management
- Sourcing; Vendor Management
- Product / Pricing Strategy

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SELECTION OF RELEVANT EXPERIENCE

Healthcare Enterprise Data and Analytics Strategy Consultant

One of the largest Healthcare Providers in the United States, was embarking on the effort to enhance their Data and Analytics capabilities. This effort was part of a larger initiative to achieve sophisticated use of nimble, scalable, governed data and analytics platforms to provide actionable information to enable their tripartite mission: healthcare delivery, discovery, and education. They need to provide real-time and strategic resource decisions, supported by a blend of historical, predictive and prescriptive data, analyzed to create actionable insights to identify and recommend clinical and operational improvement opportunities. One of the key objectives was to provide the patient, provider, clinician and employee with enhanced experience, through easily retrievable and usable information across the system of care. Mr. Garg led a very detailed assessment, defining the Data and Analytics Strategy, including technology and vendor selection, future state capabilities roadmap, governance and organization structure, both technical and business SME's. The phased approach with dependencies and education of the key stakeholders, enabled the client to get approval to implement a multi-million-dollar roadmap and start executing on the initiatives as Mr. Garg had defined.

Data Management And Analytics Strategy Consultant

A large automotive client, having recently acquired 2 new logistics companies as part of their automotive portfolio of 24 companies, needed help with maturing the data analytics capabilities for their logistics portfolio. Mr. Garg and a team of 2 other SEI'ers, within the first 3 months augmented the clients existing team, maturing their data analytics capability through re-architecting, incremental data automation (weekly to 15 minutes updates), redesigning their tableau workbooks from descriptive to diagnostic and in some cases predictive. Mr. Garg conducted a Data Management / BI assessment and laid out an 18-month roadmap/execution plan. This included leadership changes and realignment, team restructuring, data governance and ownership framework, data analytics adoption, reporting re-platforming, tools evaluation, and initiatives integrating data with other portfolios. Mr. Garg led the execution of all the initiatives of the roadmap, continuing to mature the data management and analytics capabilities. In addition, he led several analytics workshops with the business leaders to help coach them make business decisions through data insights, increasing their confidence and reliance on their data assets. In less than 6 months, Mr. Garg was able to transform the organization capabilities through his leadership and establishing an incremental business value delivery methodology, using the Safe Agile methodology.

Data Management Strategy Consultant and Architect

The client sponsor, having newly acquired the responsibility of the Data Management portfolio, needed help understanding their current state and determine why the business was frustrated with the lack of delivery from this group in spite of millions of dollars spent. Mr. Garg conducted Data Management and BI/Analytics Assessment, determined the root cause of the challenges and laid out a roadmap consisting of over 7 large and critical initiatives, some of which included consolidating the MDM and EDW Platforms, Reporting re-platforming, influencing leadership changes, growing the team from 12 to over 35 people. In less than 8 months Mr. Garg led the client to build a new leadership team of more than 6 people. Mr. Garg led the various teams to work collaboratively with the business and deliver incremental value leveraging the agile delivery framework.

Industry Experience

- Financial Services
- Healthcare
- Life Sciences
- Retail
- Manufacturing
- Distribution & Logistics
- Automotive
- Real Estate
- Restaurant
- Aviation

Methodologies

- Agile/Scrum
- DataOps / DevOps
- MDM/DW/Datalake
- Data Integration
- Data Governance
- ADKAR

Deliverables

- Data And Analytics Strategy
- Data and Technology Architecture Designs
- Strategy implementation Roadmaps and Execution Plans
- Business Analytics Organization
- Data Management leadership and Team Design
- OCM Execution Plans
- Demand Management Framework