

# Mayank Dangwal

## Objective -

An accomplished technology professional with extensive experience in the industry gained by performing progressive roles and blending strong project management skills with deep technical expertise, keen on transitioning back into the professional arena after a career break since June 2022 and utilizing my skill and expertise to contribute towards the ongoing success of the organization.

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📍 Glen Allen, VA

🔗 <https://mayankdangwal-portfolio.netlify.app/>

## SKILLS

UNIX,AWS,ETL ●●●●● AbInitio,Snowflake,teradata ●●●●● Python, SQL,LLM ●●●●●

- Project Management: Adaptive and Predictive project delivery methodologies including Agile, Scrum, Kanban, Safe, Scrum of Scrums and POD (Product oriented development). Project Planning, Stakeholder and resource management, Project health monitoring and control.
- Technical Expertise: Design & development of data enablement for business intelligence and analytics, Data management, Leading & managing SRE initiatives, Data warehouse design & development, AWS, SQL, Unix, Python, Snowflake, BI/Analytics
- Soft skills: Effective communicator & conflict resolution, Adaptability, collaboration and Quick learner.
- Problem-Solving: Proven ability to research, test, and implement IT solutions to enhance business processes.

## EDUCATION & Certifications

- MCA (Master of Computer Application) – Bangalore University, India
- PMP - Project Management Professional, CSM - Certified Scrum Master
- AWS Certified Professional Solutions Architect, Snowflake Bootcamp
- Cognizant provided leadership and management trainings; Certification in Retail Management.
- Currently developing AI/ML skills and working towards aws machine learning specialty certification.

## WORK EXPERIENCE

### Cognizant Tech. Solutions.

Sr. Manager/Sr. Architect

Oct-2009 till May-2022

- Performed progressive roles in this tenure by starting as a Technical Lead and progressing to the position of Senior Manager/Senior Architect while Demonstrating proactive leadership to deliver large and complex systems for prominent clients, focusing on customer satisfaction and value creation for business units.
- Delivered multiple projects in this duration with strong focus on stakeholder collaboration, team development and orchestration of project, product, people & process dynamics for planned business outcomes.
- End to end project lifecycle experience in Software applications development ,site reliability engineering / production support and continuous improvements for data intensive systems.
- Facilitated Agile planning, requirements analysis and scope definition in collaboration with the business, product and technology stakeholders. Collaborated with project teams for work planning and scope refinement to ensure alignment with objectives. Ensured that team members have a clear understanding of the task and its priority. Also provided

guidance and support ensuring that team members had the resources they needed to be successful.

- Facilitated Agile planning, requirements analysis and scope definition in collaboration with the business, product and technology stakeholders. Collaborated with project teams for work planning and scope refinement to ensure alignment with objectives.
- Ensured that team members have a clear understanding of the task and its priority. Also provided guidance and support ensuring that team members had the resources they needed to be successful.
- Reviewed project and team performance metrics, created performance insights for senior leadership review, partnered with the product manager and scrum master to help align expectations with roadmaps.
- Managed project communications, keeping stakeholders informed of project progress and addressing concerns promptly.

## PROJECT

### Bank Data Protection & Remediation

July, 2021 - Jun, 2022

- Objective - Develop adaptable software to detect and safeguard sensitive customer data in client's cloud infrastructure, ensuring robust security and compliance measures. Also, remediate existing data security issues and establish mechanism to monitor future problems in this area.
- Background - Prompted by federal audits, a financial firm launched a project to enhance customer data security. Challenges arose in securely acquiring and storing data from diverse sources, with transit vulnerabilities initially overlooked. Leveraging modern tech, the project aimed to catalog, assess, and remedy data privacy issues, protecting vital information like SSNs, driver's licenses, and phone numbers.
- Responsibilities Shouldered - Provide technical leadership and collaborate with stakeholders to align project vision, Guide Agile planning, manage team performance, and monitor progress, Conduct regular stakeholder reviews to ensure that the project remained aligned with their needs and expectations, Program growth, team development & project performance.

### Bank Data Quality monitoring and alerting system

Jan, 2021 - Jun, 2021

- Objective - Create a software system to monitor quality of data using defined assessments as metadata, alerting & reporting capability on regular intervals. The system creates Alerts when data elements in the monitoring space fail any of the screening metrics. These alerts are used by data governance & other stakeholders to fine tune the rules and processes for data creation, storage and usage.
- Background - As data storage and usage regulations become increasingly stringent, the data industry is under pressure to elevate its standards. Robust data governance practices require advanced tools capable of identifying and addressing potential issues to safeguard customer data effectively. With this imperative in mind, the data organization sought tools offering comprehensive assessment and timely reporting of data quality issues.
- Responsibilities - Lead cross-functional teams through Agile planning, execution and project delivery. Stakeholder collaboration, team and project performance management, customer engagement, project financial & risk management.

### Data Enrichment Platform Stabilization & SRE

Oct 2019 - Dec, 2020

- Objective - This project was started with sole aim of stabilizing the data processing platform within 6 quarters. The ecosystem consisted of over 10000 batch jobs, 540 database tables and a large number of Ab initio graphs and scripts. The goal of this project was to bring down the production failure rate to under 2% from 8% and reduce the code footprint by 30%. Another goal for this project was to set a SRE team by transitioning the ITIL tiered support teams to SRE mindset.
- Background - The customer recently migrated their data processing environment, which included various workflows and data assets. This migration to the public cloud resulted in an unstable system, causing frequent business delays and SLA breaches, particularly stressful for the SRE teams. With a production failure rate exceeding 8%, resolving issues in war room settings became routine, impacting team morale and turnover.

- Responsibilities - Provide technical leadership, program & project ownership
- Lead cross-functional teams through Agile planning, execution and project delivery. Stakeholder collaboration and project performance management. Provided clear task prioritization and support, ensuring team members had necessary resources for success
- Manage resources, program operations and project profitability. Lead war room triages and S2 calls. Represent team on executive project reviews.

### **Provider Data Management**

Nov, 2016 - Dec, 2018

- Objective - The organization's ability to serve its providers and clients hinged on effective data management. However, departmental use of individual data management approaches resulted in siloed data, hindering overall visibility. This prompted the need for a comprehensive solution to improve provider data visibility across the organization and this could be best achieved by constructing a single source of truth with master data.
- Background - The client is a non-profit Government Programs managed Care Company, providing member-centric health care coverage across five states and a variety of markets. This Program saw delivery & management of 3 projects - development of a product for healthcare provider data management, provider and customer MDM development & implementation and a project to help onboard a brand new market including a high profile OCM implementation.
- Responsibilities - Provide technical leadership, program & project ownership. Lead & deliver MDM capability for provider data. Create alignment with leadership on scheduling, resource management and cadence & style of progress reports. Ensure team members had necessary resources for success. Manage resources, program operations and project profitability. Develop and manage customer relationship, ensure project progress as planned. Stakeholder engagement and management reporting. Escalation management.

### **High Availability of Data Development Environment.**

Jan, 2015 - Oct, 2016

- Objective - During this stint, 2 projects were delivered, the first project tackled a major data outage by migrating their data capabilities developed on Ab Initio platform to Hadoop for high availability requiring, reengineering of existing code base to work seamless on the new platform.
- The second project built a mortgage data warehouse (MDW) for loan analysis, regulatory reporting, and data access across business units. Both projects significantly improved the company's data infrastructure and management.
- Background - The client's data development environment, powered by Ab Initio with data stored in Teradata over multiple data centers. A major storage hardware failure impacted over 25% of daily jobs, leading to a catastrophic failure & significant production downtime, resulting in multimillion-dollar losses. To enhance resilience, the decision was made to migrate to Hadoop for active data replication and high availability, a pioneering move for Ab Initio implementations. The transition required extensive research and large-scale remediation of affected code objects. The DDEHA project team was formed to ensure smooth operation on ABI 3.2 on Hadoop, addressing potential issues and optimizing the platform's performance.