

ANISH MONCI VARGHESE

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DATA & AUTOMATION SPECIALIST

POWER BI ~ POWER PLATFORM ~ ALTERYX ~ SHAREPOINT ~ AI & MACHINE LEARNING
EX-INDIAN AIR FORCE OFFICER ~ PMP | PMI-ACP | SAFE AGILIST | ALTERYX DESIGNER CORE

PROFESSIONAL PROFILE

Data & Automation Specialist: 14+ years of professional experience, including **4+ years building enterprise data and automation solutions** for a global financial services organisation. Skilled in designing **Executive Power BI dashboards** that give senior leadership decision-ready insight, and in automating repetitive business processes using **Power Automate, Power Apps, Alteryx and SharePoint** — converting spreadsheet-driven, effort-heavy routines into governed, self-service digital workflows.

Formally Qualified in Analytics & AI: Post Graduate Programme in Artificial Intelligence & Machine Learning (UT Austin | Great Lakes) and Executive PGP in Business Analytics (LIBA), backed by **Alteryx Designer Core, Microsoft Power Platform and Azure Fundamentals** certifications — combining hands-on delivery with a structured grounding in data modelling, analytics and machine learning.

Certified Project & Delivery Professional (PMP, PMI-ACP, CSM, SAFe Agilist): Managing **Asset Servicing capability projects** end-to-end — requirement gathering, planning, RAID management, UAT and go-live — keeping the bank ready for changing regulations and market practices across global securities markets. A decade of prior **transformational leadership in the Indian Air Force**, leading **170+ technical workforce** and managing **assets worth USD 1 billion**, with deep strength in **RCA, CAPA, Lean Six Sigma** and process improvement.

TECHNICAL SKILLS

DATA & ANALYTICS	Power BI (Data Modelling, DAX, Power Query, Dashboards, Scheduled Refresh, Row-Level Security) ~ Alteryx Designer ~ Advanced Excel / Power Pivot ~ SQL ~ Data Visualisation & Storytelling ~ KPI & Metrics Design ~ Machine Learning & AI Fundamentals
AUTOMATION & LOW-CODE	Power Automate (Cloud Flows, Approvals, Scheduled & Triggered Automation) ~ Power Apps (Canvas Apps, Forms, Business Logic) ~ SharePoint Online (Sites, Lists, Libraries, Permissions, Governance) ~ Microsoft Copilot Studio ~ Microsoft 365 ~ Azure Fundamentals ~ Citizen Development
PROJECT & DELIVERY	Agile / Scrum ~ SAFe ~ Waterfall ~ JIRA ~ Confluence ~ MS Project ~ Requirement Gathering & BRD/FSD ~ UAT Coordination ~ RAID & Risk Management ~ Stakeholder Management
DOMAIN & PROCESS	Asset Servicing ~ Capital Markets, Investments & Funds ~ Lean Six Sigma ~ Root Cause Analysis (RCA) ~ CAPA ~ Process Mapping & Re-engineering ~ Quality Assurance ~ SOP Design ~ Change Management

CAREER TIMELINE

APR'2022 – PRESENT	Northern Trust Corporation — Project Manager Data & Automation Specialist, Asset Servicing
JAN'2012 – JAN'2022	Indian Air Force — Senior Operations & Maintenance Manager (Squadron Leader)

PROFESSIONAL EXPERIENCE

NORTHERN TRUST CORPORATION

Apr'2022 – Present

Project Manager | Data & Automation Specialist – Asset Servicing Capability

Data Analytics & Executive Reporting

- Created **Executive Power BI dashboards for senior leadership**, consolidating project, capacity, volume and KPI data into a single view that supports **faster, evidence-based decision making** and replaces manually compiled status packs.
- Built the **underlying data models** using Power Query and DAX — cleansing and transforming data from multiple source systems, defining measures and hierarchies, and configuring scheduled refresh and access controls for a governed, self-service reporting layer.
- Developed **Alteryx workflows** to blend, cleanse and prepare data from disparate business systems, **automating recurring data preparation** previously performed manually in Excel and significantly reducing turnaround time and rework.
- Partnered with business stakeholders to **define KPIs, metrics and reporting requirements**, translating operational questions into visual analytics that highlight trends, exceptions and risks.

Process Automation & Low-Code Solutions

- Created **Power Automate flows to automate repetitive tasks** — approvals, notifications, data collection, file movement and scheduled report distribution — eliminating manual follow-ups and improving process turnaround and accuracy.
- Built **Power Apps solutions for business teams**, replacing spreadsheet-based trackers with guided, validated forms and mobile-friendly apps that standardise data capture and feed directly into reporting.

- **Designed and administered SharePoint sites** for business and project teams as a **single source of truth** — structured document libraries, lists, permissions, version control and automated workflows for governance artefacts and collaboration.
- **Identified automation opportunities** by mapping manual processes, quantifying effort and building the business case — delivering measurable **time savings, productivity gains and improved data quality**.
- **Trained and supported business users** on Power BI, Power Apps and SharePoint adoption, promoting an **automation-first, citizen-development culture** within the team.

Project & Delivery Management

- Part of the **Asset Servicing capability team**, delivering projects that keep the bank **ready for changing regulations and market practices across global securities markets**.
- Manage the **end-to-end project lifecycle** — requirement gathering, planning, scheduling, RAID management, stakeholder communication, UAT coordination and go-live — across Operations, Technology and Product teams in multiple regions.
- Apply **Agile and SAFe practices** — running ceremonies, maintaining backlogs and dependencies in JIRA/Confluence, and reporting progress and risks to senior stakeholders.

INDIAN AIR FORCE

Jan'2012 – Jan'2022

Senior Operations & Maintenance Manager | Rank progression: Flying Officer (2012) → Flight Lieutenant (2013) → Squadron Leader (2016 – 2022)

- **Created a comprehensive database of incidents and operational hazards**, analysing trends to drive preventive action and inform maintenance decisions.
- **Led the Core Fault/Snag Rectification Team**, applying an **analytical, data-driven approach** to snag rectification that **reduced aircraft downtime by 10%**.
- Planned and managed **critical helicopter flying operations producing 300+ flying hours per month** while sustaining **70–90% serviceability**; maintained **80%+ serviceability of Mi-17 Helicopters during Aero India 2019 and 2021** through forecasting and planning.
- **Led cross-functional teams of 170+ technical personnel**, ensuring maintenance and operational readiness of **assets worth over USD 1 billion**.
- Coordinated the **Mi-17 V5 detachment at Siachen Glacier**, establishing best maintenance practices and a robust **feedback system for risk mitigation** and timely corrective action.
- Planned the **collection of 10 Mi-17 V5 Helicopters from the OEM (Russian team)** with a team of 7 technicians, achieving a velocity of **04 days per aircraft** through effective communication, stakeholder and risk management.
- Executed **accident-free maintenance of aircraft and support equipment** during **J&K disaster-relief operations**, handling 08 helicopters and **50+ rescue sorties per day**.
- Conducted **10+ technical investigations with Root Cause Analysis**, including an **Mi-17 accident investigation at Siachen base**, submitting preventive-action reports for future operations.
- **Led manpower planning and people development** — appraisals, training, career progression and counselling; recipient of a **Letter of Appreciation and a Commendation from Air Officers Commanding-in-Chief** (Training Command and Western Air Command).

ACADEMIC CREDENTIALS

- **2024 – 2025: Post Graduate Program – Artificial Intelligence & Machine Learning (Dual Degree)**, The University of Texas at Austin (McCombs School of Business) & Great Lakes Institute of Management
- **2022 – 2023: Executive Post Graduate Program – Business Analytics**, Loyola Institute of Business Administration (LIBA), Chennai
- **2021 – 2022: Certificate Course – Business Management**, Indian Institute of Management (IIM), Indore
- **2015 – 2017: Master of Technology – Quality Management**, Birla Institute of Technology & Science, Pilani (Work Integrated Programme for Working Executives)
- **2012 – 2013: Post Graduate Diploma – Aeronautical Engineering**, Visvesvaraya Technological University, Bangalore
- **2007 – 2011: Bachelor of Technology – Mechanical Engineering**, TKM College of Engineering, Kerala

CERTIFICATIONS

DATA & AUTOMATION	Alteryx Designer Core Certification – Alteryx, Dec'2024 (valid to Dec'2026) ~ Alteryx Foundational Micro-Credential – Alteryx ~ Microsoft Certified: Power Platform Fundamentals (PL-900) – Dec'2023 ~ Microsoft Certified: Azure Fundamentals (AZ-900) – Mar'2023 ~ Copilot Studio Agent Academy – Recruit – Global AI Community, Jul'2026
PROJECT & AGILE	Project Management Professional (PMP) – PMI, Dec'2021 ~ PMI Agile Certified Practitioner (PMI-ACP) – PMI, Jul'2022 ~ SAFe Agilist (SA) – Scaled Agile, Oct'2022 ~ Certified ScrumMaster (CSM) – Scrum Alliance, Sep'2021 ~ Certified Scrum Product Owner (CSPO) – Scrum Alliance, Mar'2023
DOMAIN	Capital Markets, Investment and Funds – IOB, Mar'2025

PERSONAL DETAILS

Date of Birth: 01 Jul 1988 | **Languages:** English, Hindi, Malayalam | **Address:** Ernakulam, Kerala, India – 682311