Mahtab Syed

Agile IT Program Manager – Head of Technology and Delivery - Data Analytics – Machine Learning

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# Career Summary

IT Management Professional with 20 years Techno-Functional experience delivering IT Solutions for Global Banks. Lead a team of Project Managers, Architects, Business Analysts, Technical Leaders, Developers, Test Engineers, and Support Engineers.

Managed various mission critical Programs for Global banks. Have partnered with Global startup and industry groups. Lead Data Analytics Programs in Global banks and created Big Data and Analytics Centre of Excellence in Société Générale.

# Management experience of Application Development, Support, Infrastructure, Operations  and Architecture Streams

Hands-on Technology manager who is passionate about working with Business and learning new technologies. Have global work experience in New York, Paris, Bangalore, Adelaide and Melbourne. Extensive Agile (Scrum and Kanban experience) from 2008 onwards. Also SAFe at enterprise level.

Contributing towards architecture, design and development of Banks enterprise applications from on-premises to AWS Cloud.

Lead strategic programs, where Technical and Functional knowledge is the differentiator, along with responsibility of end-to-end Software Development Life Cycle

# Skills

# Program Management, PMI PMP Certified, Planning, Scope, Cost, Time, Risk Management

# Certified AWS Solution Architect Associate, On-premises to Cloud Transition

# Data Engineering and Analytics for Business decisions / Regulatory reports

# Business Partner, IT Transformation, Bridging Business needs and IT Solutions

# Leadership of high-performance teams, Hiring, Coaching and Mentoring teams

# Key Stakeholder Management, Executive Communication

# IT Governance and Change Management, RFI, RFP Process with Global Vendors

# Technology

# Big Data and Analytics, Hadoop Stack (Sqoop, Hive, Yarn MapReduce, HDFS, Spark, Flume)

# Machine Learning and Artificial Intelligence (AI) using Python, Pandas, NumPy and matplotlib, Scikit-learn, TensorFlow and PyTorch

# Analytics - Problem definition, Data gathering and cleaning, Evaluation, Features, Modelling and Experiments in iteration to get best results

# Data visualization using matplotlib (scientific data), Business Objects Reporting and Tableau (business data)

# Amazon Web Services (AWS) Cloud Architecture

# Enterprise Architecture, Design, Full Stack Developer, Master Data Management (MDM) Practices

# Python, C++, Java, SQL and Database

# Methodologies

# Agile Scrum and Kanban (>10 yrs. Experience), SAFe Agile

# Rapid – For quick results for Business, Waterfall Traditional

# Education

1991 - 1997, Integrated Master of Technology in Computer Science, Odessa State University, Ukraine

# Experience

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| SENIOR IT MANAGER – BUSINESS AND IT | NAB BANK - www.nab.com.au |
| 07 May 2018 – Till date | MELBOURNE |

NAB (National Australia Bank) is one of the four largest financial institutions in Australia in terms of market capitalisation, earnings and customers.

**Role** - Work as a **Senior IT Manager** in **Financial Crime** in **Enterprise Change and Delivery** of NAB.

In Phase 1 the Program involves Data Transfer across the bank’s front office to Enterprise Data warehouse to SAS solution for analytics. In Phase 2 AWS Cloud is being setup for end to end data sourcing and analytics.

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| Responsibilities | * Program and Project Management * Engagement with Sponsor, Technology, Change * Leading Budget, Projects, Change Delivery and Technology ( team size of 80) * Engagement with Head of Tax, Legal and Customer Contact (Marketing) |
| Budget | * The CRS Program over 3 yrs of 2017-2020 has a $90MN overall budget with peak team size of 70 people from Technology, Project, Change and Operations. |
| Technologies | * Customer on-boarding, Data warehouses, SAS Analytics, XML Reporting, Adobe Campaign for Customer contact |
| Achievements | * Setup automated Analytics and Reporting from NAB Ltd to Regulators |

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| PROGRAM DIRECTOR – BUSINESS AND IT | ANZ BANK - [www.anz.com](http://www.anz.com) |
| 24 JULY 2017 – 23 Mar 2018 | MELBOURNE |

ANZ is the third largest Australian bank by market capitalisation, with Institutional, Commercial and Retail banking with branches and operations worldwide.

**Role** - Worked as a **Program Director** in **Wholesale Lending - Business and IT teams of ANZ** developing CreditLens application which does Financial Data Extraction, Financial Analysis, Entities and Hierarchy Management and the core function of Risk Grading for Institutional, Commercial and Corporate and Private Banking.

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| Responsibilities | * Program Planning, Business Stakeholder Management * Vendor Engagement (Moody's Analytics) * Leading Business and Technical teams, Benefits Planning and Realisation |
| Budget | * The Program over 2 yrs of 2017-2018 had a $20MN overall budget with peak team size of 25 people from Technology, Project, and Change |
| Technology | * Moody's Analytics RiskOrigins and CreditLens |
| Achievements | * Revamped the whole application with 5x performance improvement |

# Personal Attributes

# Confident Communicator, Negotiator and Facilitator

# Attention to detail, Critical Thinking, Flexibility and Resourcefulness

# Analytical Thinking and Innovation, Complex Problem Solving

# Passionate about Learning

# Leadership and Social Influence

# Communication skill for presentation to Executive Committee

# Global exposure and Cultural Diversity

# Business Skills

# Business Stakeholders Relationship Management

# Influencing key decision making

# Team Mentoring, Coaching and Conflict Resolution

# Learning On

# Azure Cloud

# Machine Learning and Artificial Learning (AI)

# Data Analysis - using Python, Pandas, NumPy and matplotlib

# Machine Learning models for classification, regression and clustering using Scikit-learn

# Machine Learning Neural Networks using TensorFlow and Natural Language Processing (NLP) using PyTorch

# Certifications

* 2020 – Certified “AWS Certified Solutions Architect – Associate”
* 2009 - PMI Project Management Professional (PMP) Certified
* 2015 - Hadoop Platform and Application Framework, by University of California, Coursera
* 2015 - Introduction to Big Data, by University of California, on Coursera
* 2015 - Data Scientist Toolbox, by Johns Hopkins University on Coursera
* 2018 – HTML, CSS, and Javascript for Web Developers, by Johns Hopkins University on Coursera

# Events

* 2015 - NASSCOM Event on Digital Transformation
* 2014 - Continuous Delivery and DevOps Seminar

**My Startup**

* Start-up to educate kids in STEM, <http://letsstem.org/>

**My Code**

* Github - <https://github.com/mahtabsyed>
* Bitbucket - <https://bitbucket.org/mahtabsyed/>

**Work Authorisation**

Australian Permanent Resident (applied for Citizenship)

**References**

On request