Satish Singh

Sr. Engineering Manager (Projects)
Bachelor's in Electronics Engineering
PMP Certified | Sigma Green Belt Certified

Core Competencies:
- Projects Delivery of S4 ERP, MES, SCM, EWM, QALIMS, TMS, ASRS & AGV Vendor integration
- Master Data Governance, MDM & BI
- Digital Transformation IaaS, PaaS, SaaS, IaaC, Cloud, Hybrid.
- SDLC, Big Data, Blockchain, AI, IIoT, 5G & Industry 4.0

Project Management:
- Waterfall & Agile Methodologies – PMP, ACP, KANBAN, SCRUM, **SAP Activate**, SAFe 5,0

AWS Cloud:
- DynamoDB, Kinesis, IAM, CloudFormation (IAAC), CloudWatch, CloudFront, ECS, SQS, SES, RedShift

BI Tools:
- Visual Studio, ERWIN, R – Data, Power BI, Snowflake, Tableau, SAP Lumira, BO

Warehouse Management:
- EWM S4 /TMS, HighJump Multi-Client Operations(3PL), ASRS, AGV

PPM /PLC Tools:
- MS-Project, Smartsheet, Planview, Clarity PPM, Atlassian JIRA Confluence

Data Science Tools:
- Visual Studio, R & R-Studio, Spark, Python, MATLAB, MSAS.

Design Architecture:
- Micro Services, OAD, TOGAF 9.2, UML, EIMS/EAS

Educational Background:
- **Bachelor of Engineering in Electronics**, Bangalore University, IN
- **Project Management Professional, Agile Certified Professional**, PMI – Chicago since 2005
- **Digital Transformations**, Data Scientist, 2016 **University of Chicago**
- **Cybersecurity** 2023 – **MIT/Simplilern**
- **Certified Scrum and Product Master** 2017 – Expert Systems
- **Sigma Green Belt** Certification 2022
- **AWS & Azure Cloud Architect Mastery** Certificate program 2015

Prominent ex-clients: Delta Technology | Brightstar Corporation | Abbott | AbbVie | Caterpillar | Fresenius Kabi | Valent Bio| Merck-Schering Plough

SUMMARY

Result-driven Technology Project Manager with 18+ years of industry experience. Proficient in leading teams of cross functional resources comprised of system and quality engineers. Expert in cloud architecture, implementation, value enhancement, risk assessment, leading application development, AWS, Azure, and CI/CD pipelines. Hands-on experience in working with offshore | onshore teams

SCORE CARD

Skills	Yrs. Experience
Overall IT Experience	18+
Projects, Programs & Portfolio Management	15+
Data Warehousing, Business & Manufacturing Intelligence	8+
Experience in SAP ECC, S4, SCM, EWM, ASRS, AGV, AMR	7+
Cloud First implementations	7+
Experience with AI/ML	CI/CD Pipelines	5+
Expert in PPM tools & Microsoft Power Platform	8+

HIGHLIGHTS

- An accomplished senior manager with extensive experience in ITIS governance, application development, security compliance with audit controls, global solution delivery of large-scale programs and impactful business plans that result in significant cost reductions, operational improvements, and enhanced business procedures.
- A trusted advisor to senior management and change-leadership agility to positively morph environments and lead high-performance onsite, hybrid, offshore and remote team across three continents and multiple time zones.
- Responsible for Global Intake/PMO delivery organization to achieve successful execution of strategic programs and adherence to appropriate program governance reducing organization Silos, Leverage tooling and Automation with gradual changes accuracy.
- Successfully developed solutions architecture | evaluated architectural alternatives for private, public, & hybrid cloud models, including IaaS, PaaS, & other cloud services with optimal design patterns, solutions for high availability, and disaster recovery for applications at Delta Technology Solutions.

- Contentedly led a team of cross functional resources comprised of system & quality engineers, IT/IS functional, virtual teams, and vendor consultants to deliver enterprise projects & support legacy applications at Brightstar Inc.
- Saved over 60% of ongoing operational cost by orchestrating an innovative solution that complied FDA regulations for storing a subset of products in an existing automated hi-rise warehouse at Kabi, Nestle-Purina, Merck-Schering Plough.
- Satisfactorily led organizational change initiative that increased productivity 30% and empowered company to be nimble by using virtual teams with onsite/offshore managed model for Agile Product deliveries under SAFe Core Competencies for Lean Portfolio Management at Abbott Laboratories.
- Meticulously oversaw and controlled program budget of more than $25 million at Brightstar Corporation.
- Expertise in managing technical aspects of operations and new initiatives, including warehousing, logistics, inventory, & sample management at Merck-Schering Plough.
- Pioneered | executed an outcome based managed services model for major IT initiatives from concept to completion enabling cost savings, scalability, continuous improvements (CI/CD), and building agile self-governing functional teams at Brightstar Corporation.

PROFESSIONAL EXPERIENCE
Sr. Projects Portfolio Manager   March 2018 – Dec 2023
Delta Technology Solutions, Chicago, IL

- Planned Global, Business, & Operational Effectiveness Strategically and led high-profile Digital Cloud Transformation projects building implementation roadmaps, streamlining process, & standardizing deliverables with actionable KPI reports to increase operational excellence.
- Served as liaison between business clients advocates | internal | external IT/IS (build & run) teams and Operations.
- Automated repeated workflow tasks, enabled employees to be promoted to integration lead & creative roles, required trainings, and tackled change to establish self-governing functional teams.
- Spearheaded ASRS HiRISE with SSI & Stocklin vendors to integrate the SAP/ERP, EWM, MES, WCS at two Kabi-Fresenius sites and two Nestle-Purina dry and wet facilities. Led an SCM Extension Implementation of SAP Ariba SLP, Risk, & PII to integrate the MDG-S and SAP ECC/ERP.
- Led a series of use cases for PACCAR & JKT implementing the robotic paint integration, MES/Control's systems for predictive monitoring intelligence on PTC/Thing Worx, Ignite/Induction frameworks

- Gained automation productivity by 60% and enable platform to gain maturity towards enablement of Industry 4.0 future states and the core GEMBA blueprint use cases with various sites integrated.
- Led a global team on the implementation of the Financial, PLM, ERP, MES, Supply Chain EWM, and Logistics.
- Spearhead a greenfield implementation S4/HANA Central Finance, SAP EWM, B4 HANA modules using SAP Activity methodologies.
- Developed a phase roadmap for greenfield and brownfield migrations of SAP and Non-SAP Systems Integrations.
- Involved in technical migration with ERP functional leads, IT Dev, Run, QA, Operations.
- Worked with cloud architecture and implementation features (OS, multi-tenancy, virtualization, container concepts, orchestration, cloud technology, deployment automation and orchestration, infrastructure automation, source control, & open source)
- Developed solutions architecture and evaluated architectural alternatives for private, public, & hybrid cloud models, including IaaS | PaaS | other cloud services with optimal design patterns, solutions for high availability, and disaster recovery for applications.
- Implemented for hybrid Azure cloud migrations and site control systems primarily focused on best practices, business value, time boxed key activities to avoid over analyzing, remove duplication, optimizing the supply chain, automating logistics activities etc.
- Managed departmental budgets over $30 million in a chargeback model, prepared annual budget plan and operated within authorized expense/capital or approved variations

Senior Manager   Mar 12 – Mar 18
Brightstar Corporation, Chicago, IL

- Provided leadership or ''ownership'' that led to a creation of PM-CoE that focused on strategic forecast planning & established project management methodology standards, processes, tools, templates, education using the PMI guidelines, hybrid architecture, and SAFE frameworks for Warehouse Operations functions.
- Led a team of cross functional resources comprised of system & quality engineers, IT/IS functional, virtual teams, and vendor consultants to deliver enterprise projects & support legacy applications.
- Reduced IT operational costs 35% by enabling self-service capabilities.
- Pioneered | executed an outcome based managed services model for major IT initiatives from concept to completion enabling cost savings, scalability, continuous improvements (CI/CD), and building agile self-governing functional teams.
- Defined and executed upstream device procurement SCM/Reverse logistics strategy using best in class solutions (i.e., Sourcing | Contract Management | Spend Visibility) that drove the TIBB - trade-in / buy-back returns, mobile leasing program, a multi-year roadmap for

retail mobile services from Apple, Best-Buy, Rogers, Sprint, and other US&C customers SLA's resulting in the realization of immediate savings

- Involved in a lower total cost impact of sourcing decisions and better spend management with multi-million-dollar yearly P&L savings.
- Oversaw and controlled program budget of more than $25 million.
- Coached and mentored employees.
- Promoted and implemented employee development through performance excellence, and effective growth planning.
- Mentored and build agile and self-governing teams under the SAFE principles.
- Responsible Scrum Master / Product Owner lead and directed a team of Project Managers and Functional Leads.
- Accountable for project portfolio maturity level by delivering digital customer experiences using phased gating & staging from the idea to the product launch going through a traditional milestone, iterative, and hybrid plans.

Delivery Manager   Mar 03 – Mar 12
Abbott Laboratories, Abbott Park, IL

- Acted as a consultant for Abbott business divisions, GPO, GPRD, PPD, ADD, & Discovery initiatives for Biotech expansion program that included Manufacturing Execution Systems, Warehouse Management, LIMS, CDS, Quality Application Systems, and Instrumentation.
- Led | directed a team comprised of business advocates, compliance group, quality, validation teams, and external consultants to deliver enterprise projects and support legacy applications.
- Implemented program initiatives as liaison between business clients and IT teams, interfacing with business sponsors and operations excellence stakeholders.
- Led organizational change initiative that increased productivity 30% and empowered company to be nimble by using virtual teams with onsite/offshore managed model for Agile Product deliveries under SAFe Core Competencies for Lean Portfolio Management.
- Facilitated multi million project to manage SAP migration blueprint from legacy R3 to ECC 6, including infrastructure refresh, integration components, and SAP PLM, PP, MM, SD, FICO, PI, WM, MDG, non-SAP systems Vistex, TMS, #PL etc.
- Architected design | implemented labs information management systems, established guidelines, and standard procedures increasing productivity & retired multiple legacy disparate systems.
- Deployed Thermo LIMS globally across Abbott sites in North America, Europe, and Puerto Rico in support of key Abbott biotech products such as HUMIRA.

- Implemented integration of structured, semi-structured, unstructured data applications for analytical purposes that enabled centralization of business insights for predictive and descriptive modeling.
- Led migration implementation project transitioning 5000 global users from highly customized home-grown Protein Web & LIMS application to a sustainable out-of-the-box solution.
- Implemented integration of unstructured instrumentation data with transactional applications for analytical purposes that enabled centralization of scientific information to be shared across global Abbott sites.

Technical Project Manager   May 01 – Mar 03
Merck-Schering Plough, Kenilworth, NJ
- Led application development, database administrators, QA testing and compliance teams.
- Managed technical aspects of operations and new initiatives, including warehousing, logistics, inventory, & sample management.
- Led technology solutions for transactional applications and decision support systems.
- Defined standard procedures, templates, & guidelines for Project Leads, Business Analysts, and development teams.
- Collaborated with IT, quality assurance, and business team to deliver projects on time & within budget.
- Saved over 60% of ongoing operational cost by orchestrating an innovative solution that complied FDA regulations for storing a subset of products in an existing automated hi-rise warehouse.
- Pivotal in building project central system for CAPA-related tracking, labelling, SOP policies updates, & compliance by training internal auditors to comply with FDA regulations and prevent future penalties.

Software Consultant   Mar 96 – Mar 01
Pearson Education, Parsippany NJ
- Guided multiple project implementations which included unified purchase planning, demand forecasting, and decision support systems.
- Collaborated with business analysts, technical leads, developers, and testers in delivering projects within scope, schedule, & budget.
- Led integration of Pearson's education division with Simon & Schuster's K – 12 education division by eliminating duplication of systems and integration of various publishing applications.
- Designed | developed enterprise classes, business components library for functions across applications used in document imaging, storage, and retrieval.

- Developed, analyzed existing processes, designed new solutions, developed, tested, and implemented Demand Forecasting | Purchase planning management system & maintenance module.