

Abheek Bose

Singapore | +65 82422296

abheek.bose@gmail.com | www.linkedin.com/in/abheekbose | www.abheek.me

PROFESSIONAL SUMMARY

Results-driven Programme Manager with 15+ years in product and engineering-led organisations, delivering complex programmes. Adept at driving operational stability, efficiency, and scalable growth for technology organizations.

Recognized for:

- **Strategic Leadership:** Implemented CxO Office Strategies, including a \$60M+ transformation program spanning 16 countries and 8 functions, aligning execution with business objectives.
- **Engineering Excellence:** Transform engineering organizations through digital, process optimization, and automation, achieving over 30% productivity gains.
- **Project and Stakeholder Management:** Bridged technical execution and C-suite vision, partnering with over 20 C-level stakeholders to deliver high-impact results.

CORE COMPETENCIES

Program & Strategy Leadership

- End-to-End Strategy Execution
- Complex Programme Management
- PM Excellence via Agile / Lean Frameworks

Engineering Transformation

- Digital Transformation Roadmaps
- Robotics/AI solutions across multiple industries
- Process optimisation and automation

Stakeholder & Governance

- Cross-functional team leadership
- CxO forum management, R/I&O alignment
- Executive narrative-building

KEY ACHIEVEMENTS

- Leading an all-APAC Cost Improvement Program across 8 different functions in 16 countries to deliver \$60M savings via strategic initiatives & operational improvements.
- Spearheaded innovation programs, generating over 300 ideas with value creation more than \$30M within a year.
- Achieved 30% productivity improvement by automating complex orthopedic inspection processes.
- Delivered USD 2M in cost savings via data-driven portfolio rationalization for a leading healthcare company.
- Improved production output (OEE) by 6 percentage points for a major FMCG conglomerate using digital tools within three months.

PROFESSIONAL EXPERIENCE

Johnson & Johnson MedTech, Singapore

Program Leader, Strategic Initiatives for Cost Improvement in APAC (Jan 2025 – Present)

- Leading a USD 60M cost improvement program across APAC Supply Chain Strategy & Operations.
- Orchestrated cross-functional transformation with over 20 key stakeholders across 8 different functions in 16 countries to drive operational efficiencies and strategic savings initiatives.

Engineering & Innovation Lead, APAC Supply Chain (March 2022 – Present)

- Driving engineering strategies for over 30 distribution centers
- Delivered successful transformation projects deploying complex engineering solutions (robotics, automation, machine learning, and AI), achieving over 5M savings in the top MedTech markets

The Boston Consulting Group, Singapore

Expert Consultant, Digital Solutions & Industry 4.0 (March 2020 – March 2022)

- Led development of strategic roadmaps for technology and engineering divisions of a leading FMCG company in Southeast Asia

- Designed cost-effective digital solutions to transform and modernize legacy systems of a food processing major, resulting in a 45% reduction in losses due to wastage.

Articulink Pte, Singapore

Director & CTO (April 2018 – March 2020)

- Designed, developed, and deployed IoT solutions for remote monitoring of legacy machines.
- Designed and developed wall-climbing robotic products for inspection of built environments.

Earlier Roles (May 2009 to March 2017)

Head of Engineering (Systemantics), Founder & CEO (Robots Alive), Technical Director (ADA Software)

Product Design & Development:	<ul style="list-style-type: none"> • Architected and deployed Intelligent Automation software products as a part of CTO strategy for modernizing legacy software • Spearheaded the design and development of cost-effective robotic products for the Indian SME sector • Pioneered India's first IML robots for Japanese MNCs in the packaged goods industry
PMO & Project Delivery	<ul style="list-style-type: none"> • Scaled cross functional engineering teams (over 50 members) • Delivered projects worth €1.5M in insurance, finance, and manufacturing sectors

EDUCATION

University of Applied Sciences, Bonn-Rhein-Sieg, Germany - Master of Science in Autonomous Systems – Computer Science (2003 – 2005)

RV College of Engineering, Bangalore, India - Bachelor of Engineering in Mechanical Engineering (1999 – 2003)

TECHNICAL SKILLS SUMMARY

Program & Strategy Leadership	Engineering & Digital Transformation	Technical Tools & Domains
<ul style="list-style-type: none"> - Large-Scale Program Management (\$60M+ value, 16 countries) - Agile/Lean Methodologies (Scrum, Kanban) - Stakeholder Governance (CxO alignment, R/I&O forums) - Financial Oversight (P&L, cost optimization, ROI analysis) 	<ul style="list-style-type: none"> - Robotics & Automation (Industrial robots, RPA, IML systems) - AI/ML Solutions (Computer vision, predictive maintenance) - IoT & Smart Systems (Remote monitoring, legacy modernization) - Process Optimization (30%+ productivity gains via automation) 	<ul style="list-style-type: none"> - Robotics: ROS, Embedded Systems, Mechatronics - AI/ML: Python, TensorFlow, Data Analytics - Digital Tools: ERP, WMS, BI Platforms (Tableau, Power BI) - Industries: MedTech, FMCG, Construction, Automotive

CERTIFICATIONS

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| <ul style="list-style-type: none"> • People Leadership • Performance Management • Agile Project Management | <ul style="list-style-type: none"> • Innovation Management • Digital Supply Chain • Information Security • Quality Assurance |
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ENGINEERING PORTFOLIO (Details in Separate Document)

- Semi-Automated Vision Inspection – Computer Vision & AI-based digitization of Loan Kit Inspection Operations
- Lightspeed – On-demand product labelling – Automated Product Labelling with Robotics & Intelligent Automation
- Lightweight Manipulators – Designed and developed small-scale robot arms for the Indian Automotive SME
- Modular Microscope – Designed and developed kits to convert a standard microscope to an automated one
- Interactive Mobile Robots – Designed and developed mobile robotic solutions with User experience at the core
- Modular robots – Lego-type plug-and-play modules to build mobile robots for various real-world applications