

Jyothis NAIR

Thought Leader • Coach

Innovator • Industry 4.0 Agent



About me

I have been shaping my skills as a technology and business consultant for over 16 years, in areas such as product/business modelling, digitalization, cost optimization and general operational efficiencies. My current skillset and experience have been developed with a backdrop of incremental leadership responsibilities from an eclectic mix of industries ranging from Aerospace and Manufacturing, Military Aviation, Airlines and Hospitality interplayed with Information Technology.

Applying lean culture and principles to data science, transformation, and new technologies, I focus on truly understanding the impacts and drivers of strategic decisions at an operational level. As a leader, I develop teams with an entrepreneurial spirit by enabling them to think, practice continuous improvement, and focus on the things they do best - bringing value to the business.

By implementing novel technologies with an intention of tackling high stake business challenges, while delivering economic value to investors, I am keen to further sharpen my executive leadership, stakeholder influencing and business change management skills in the post-Covid 19 world.

University Education

- 2021 | ESCP Europe Business School

Executive Master in Manufacturing Automation & Digital Transformation

- 2019 | University at Buffalo School of Management

Digital Manufacturing & Design

- 2018 | RWTH Aachen University

Digital Disruption Management

- 2004 | Kerala University

Mechanical Engineering Degree

Trainings & Certifications

- 2021 | Google

Deep Learning with TensorFlow

- 2017 | EY Academy

SAFe Agile Project Management

- 2015 | Six Sigma Deutschland GmbH

Lean Six Sigma

- 2015 | Project Management Institute

Project Management Professional

- 2013 | Verein Deutscher Ingenieure

Value Engineering

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Industries

Aerospace/Manufacturing

Airlines/Travel

Domains

Executive mgmt. consulting

Business improvement

Digital transformation

Industry 4.0

Portfolio & project mgmt.

Strategic reviews/planning

Skills

Leadership

Multi-culture management

Influence and persuasion

Emotional intelligence

Adaptability

Change management

Languages

English

German

Malayalam (Indian)



Professional Experience Innovation Awards and Recognitions

Today

Manager - Airline Ops, Digitalisation & Data Analytics (IA)

- Consultant to Chief Audit Executive to plan, prioritize, deliver and monitor 25B\$ Emirates Group audit portfolio by transforming processes through efficient use of technology and data
- Drive digitalization strategy, data driven culture and, lean process improvements across the Group promoting efficient utilization of available resources
- Partner with department heads to conduct break down analysis and derive recommendations to create, update or automate processes
- Utilise advanced data analytics and artificial intelligence to improve effectiveness and efficiency of maintenance processes across several domains
- Develop, propose, and deliver interactive senior executive dashboards and mobile applications bringing together large datasets with crucial insights/foresights for educated decision making
- Guide senior leaders across the Group to ensure that their strategy highlights existing business performance challenges and, support them on solutioning through experiments



2016

Lead/Managing Consultant – Cost Optimization (Germany)

- Manage a portfolio of cost convergence projects by building and prioritising different value propositions
- Lead and coach a team of project managers and lean consultants across functions and locations
- Develop senior executive and business leader relationships within the customer departments
- Represent CIMPA on innovation, data analytics, design to cost and other value driven capabilities at sales events
- Collaborate with functional departments to identify and implement innovative improvement opportunities
- Develop innovative but practical and cost-effective implementation solutions for complex projects/programmes that have influences on other production drivers
- Patented a product design to reduce installation time for wire harnesses in carbon fibre aircraft



Product Patent

2011

Lead Engineer | Performance Manager (Germany/France)

- Lead a team of engineers responsible to develop wire harnesses from concept through manufacturing to fit out
- Coordinate with stakeholders across the world on supply chain planning, change and configuration management
- Improve quality/efficiency of processes/systems through lean and automation projects
- Monitor and control project performance and quality through digitalization and/or lean methodologies
- Communicate key performance indicators to benefits all involved teams in achieving respective targets
- Drive process improvements and harmonization across design, manufacturing and assembly



2008

Start-up

Co-founder/Head-of New Portfolios (India, UK)

- Oversee new portfolios division scouting new business opportunities
- Build innovative but dependable partnerships with vendors and customers.

2007

Project Leader (India, US)

- Lead multi-disciplinary design automation project for Boeing reducing the design-test cycle time
- Interface with various stakeholders as required (Engineering, Manufacturing, IT, Design) to drive target delivery

Infosys CONSULTING



2004

Mechanical Engineering Graduate

Volunteer Experience

▪ VIP panel member (Project Management Institute)

VIP panel member of Project Management Institute's PMP certification exam development team

▪ Founder member of 'Creating Future'

I share my passion for latest technology with children of all ages by working along with them in our 'garage'; developing multiple projects over time from mobile applications to remote/App controlled robots. I am proud to see young talents motivated to explore opportunities that the latest microchips and programming languages have created for them.