

Dhinesh Kumar Sukumar

Program Manager & AI Transformation Lead — Automotive Software Delivery at Scale · ADAS · SDV · Functional Safety · AI-First Engineering

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German permanent residence (Niederlassungserlaubnis)

PROFILE

Program leader with 15 years in engineering — ~10 in safety-critical automotive software, 8 on a flagship program for a German premium OEM at Luxoft (DXC Technology), leading it since 2019. Currently run a six-country platform software program and the AI-first transformation of a 300-engineer account, with a mandate to scale to 1,500. TUM-educated mechatronics engineer and hands-on AI practitioner building agentic workflows for regulated domains.

SELECTED IMPACT

- ▶ Scaled a flagship OEM program 3x (20 to 60 FTE) through geopolitical disruption by rebalancing to a six-country delivery model — sustaining delivery continuity while protecting OEM quality targets.
- ▶ Delivered 20% above company-average program profitability during the automotive downturn, taking the product from development through Start of Production into maintenance.
- ▶ Appointed AI Transformation Lead for a 300-engineer account — with a mandate to scale AI-first delivery to 1,500 engineers: GitHub Copilot and Generative AI (GenAI) rollout under safety-critical guardrails, domain agents, AI-assisted code review, requirement-to-code traceability.
- ▶ Built data-driven engineering management before GenAI was mainstream: per-engineer efficiency metrics, automated status/risk/forecast workflows, structured performance management.

CORE COMPETENCIES

Program Leadership: Program & project management · Budget & cost management · P&L & profitability ownership · Multi-geo delivery (6 countries) · RFQ / bid solutioning · Risk & schedule management · Stakeholder management · Strategic planning · Cross-functional team leadership · Change management · Agile delivery (Scrum) · Jira, MS Project

Artificial Intelligence (AI) & Engineering Transformation: Generative AI (GenAI) delivery transformation · LLM toolchains & enablement at scale — coding copilots, model APIs, agentic frameworks · Agentic workflows in regulated domains · Requirement-to-code traceability · AI-assisted code review · Engineering-productivity analytics · Metric-driven TDD

Automotive Domain: ADAS · Software-Defined Vehicle (SDV) · AUTOSAR Classic & Adaptive · ECU software integration & testing · Full software development lifecycle (SDLC) · ISO 26262 (FuSa) · ASPICE · ISO/SAE 21434 · Product lifecycle: concept (RFQ) to SoP to maintenance

PROFESSIONAL EXPERIENCE

Luxoft (a DXC Technology company) · Munich

Oct 2018 – present

4 promotions on one flagship OEM program

Program Manager & AI Transformation Lead

Nov 2025 – present

- ▶ Lead a multi-year automotive platform software program for a German premium OEM spanning ADAS, SDV, functional safety and platform development — engineering teams across Germany, India, Egypt, Poland, Serbia and Ukraine.
- ▶ Drive the AI-first transformation of a 300-engineer delivery account (mandate: 1,500): GitHub Copilot and GenAI tooling across 10–15-person teams, with workflows tailored to ISO 26262, ASPICE and ISO/SAE 21434 constraints.
- ▶ Build internal AI solutions — domain-knowledge agents, requirement-to-code traceability, AI-assisted code review, engineering-productivity analytics — and deliver AI enablement training for engineers and managers.

- ▶ Own delivery-side RFQ solutioning for new OEM programs — estimation, delivery architecture and bid shaping.

Senior Project Manager

Sep 2023 – Sep 2025

- ▶ Took a safety-critical software product for a premium German OEM through Start of Production (SoP) and into maintenance — owning schedule, quality and delivery risk through the highest-stakes phase of the program.
- ▶ Delivered 20% above Luxoft's company-average program profitability during the automotive industry downturn by shifting scope to lower-cost, high-quality geographies while protecting OEM quality targets.
- ▶ Introduced a data-driven people-management model — per-engineer efficiency metrics, merit-based incentives, structured performance improvement — and automated status, resource-forecasting and risk-tracking workflows before the GenAI era.

Project Manager — Adaptive AUTOSAR Application Development

Oct 2019 – Aug 2023

- ▶ Delivered adaptive AUTOSAR applications into series production with a 40-engineer team distributed globally — owned resourcing, risk, stakeholder management and delivery assurance, and began the program's scale-up through geopolitical disruption.

Technical Lead — AUTOSAR Application Development

Oct 2018 – Sep 2019

- ▶ Translated OEM requirements into classic AUTOSAR software architecture and led cross-functional feature development. Promoted to Project Manager after 12 months.

Embedded Software Engineer — AUTOSAR Basic Software

Aug 2016 – Sep 2018

Vector Informatik (Arccore GmbH) · Munich

- ▶ Developed and integrated classic AUTOSAR basic-software stacks into production ECUs.
- ▶ Served as the technical bridge between OEM customers and the development team for complex software configurations.

Automation Engineer

Jul 2011 – Sep 2013

Sri Sakthi Coach (coach manufacturing) · India

- ▶ Developed and implemented control-system automation for labour-intensive production processes; supported downtime reduction through workflow analysis.

EDUCATION

M.Sc. Advanced Building, Automation & Robotics

2013 – 2016

Technical University of Munich (TUM) · Bavarian Government Scholarship for International Students

B.E. Mechatronics

2007 – 2011

Kumaraguru College of Technology, Coimbatore, India

PUBLICATION

Publication: "Augmented Reality-based Tele-robotic System Architecture for On-site Construction" — 32nd ISARC, Oulu, Finland (2015)

LANGUAGES

English (Fluent) · **German** (Conversational (B1)) · **Tamil** (Native)