

SWARUP KUMAR

DIRECTOR OF SOFTWARE ENGINEERING | VP - DIGITAL TRANSFORMATION

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24+ YEARS EXP.

\$50M+ REVENUE IMPACT

\$1.5M+ COST SAVINGS

400+ TEAM BUILT

4 PATENTS FILED

16+ LEADERS MENTORED

PROFILE

Technology executive with 24+ years driving digital transformation, SaaS & IoT innovations and high-performance engineering teams across Automotive, Healthcare & FinTech globally. Proven record scaling engineering organisations, delivering cloud-native platforms, and turning complex technical programmes into measurable business outcomes.

CORE COMPETENCIES

- Digital Transformation
- SaaS & IoT Strategy
- AI/ML & Predictive Analytics
- Cloud: Azure & AWS
- SAFe / Agile at Scale
- Lean Portfolio Management
- DevSecOps & SaMD (MDR)
- Big Data & ETL Pipelines
- P&L Accountability
- Global Team Leadership
- IP Strategy & Innovation
- Stakeholder Management

TECH & TOOLS

CLOUD & INFRASTRUCTURE

Azure · AWS · SaaS/IaaS · DR Strategy

DATA & ANALYTICS

Tableau · R · ETL Pipelines · Data Lake

IOT & PLATFORMS

Connected Car Telematics · Java · Eclipse

STANDARDS & COMPLIANCE

ISO 26262 · SaMD/MDR · GDPR · PMBOK

DELIVERY FRAMEWORKS

SAFe · Lean Portfolio · DevSecOps · QA

CERTIFICATIONS

- SAFe Practice Consultant (SPC)
- PMP Certified (since 2010)
- GitHub Foundations
- AI Fluency – Framework & Foundations
- Site Reliability Engineering (Google)
- Data Science – Univ. of Texas, Austin
- SCJP – Oracle Certified Java

EDUCATION

PG – Business Analytics & BI

Univ. of Texas at Austin · 2019–20

Senior Management Program

IIM Calcutta · 2017–18

B.E. Mechanical Engineering

SJCE, Univ. of Mysore

PATENTS (4 FILED)

- Virtual Pressure Sensor via AI
- Fuel Injector Pump Failure (#202141049000)
- Li-ion Battery RUL & SoH
- Vehicle Telematics – IoT & Big Data

KEY ACHIEVEMENTS

- Scaled Scrum teams **7x in 5 months** — improved built-in quality by **15%**; led SAFe practice across **8 Program Increments** at Straumann.
- Deployed AI-powered predictive analytics achieving **95% accuracy** in automotive failure detection — **4 patents filed**, incl. Patent #202141049000.
- Delivered **US\$1.5M** in cloud infrastructure savings; influenced **US\$50M+** revenue across 7 global SaaS/IoT key accounts.
- Built and led **400+ member** engineering organisation at BOSCH Vietnam; cultivated 4 Group Leaders & 12 Project Managers across 4 years.
- Maintained **99.95% SLA compliance** for 12+ months on mission-critical multi-channel IoT platform with full DR strategy in place.
- Expanded BOSCH India IP portfolio by **50% in one year** — 1 patent per working day; **80%+ IP coverage** across all products.
- Received **Star Performer Award (Bosch, 2010)** for >90% defect-free delivery across 4 major engineering programmes spanning Diesel & Gasoline BUs.

PROFESSIONAL EXPERIENCE

SLK Software

May 2025 – Apr 2026

Director – FinTech Delivery & Growth

Bengaluru, India

- Spearheaded multi-million-dollar digital banking & FinTech programmes; achieved **99% client retention** over 6 months.
- Orchestrated agile delivery across **125+ associates** (onshore/offshore), cutting delivery costs by **15%** while improving SLAs.
- Drove annual account revenues exceeding **\$10M** through strategic value delivery and direct C-suite engagement.

Straumann Group (Digital Dentistry)

Jun 2023 – Feb 2025

Senior Manager – Digital Transformation

Bengaluru, India

- Architected **2-year digital roadmap** (8 PIs) modernising dental SaaS across EMEA & Americas; delivered **20 high-value features** in 3 months.
- Scaled Java platform quality by **15%** — grew from 1 to **7 Scrum teams** in 5 months; SAFe SPC driving Lean Portfolio & PI Planning across 8 PIs.
- Led enterprise data lake design, ETL pipelines & Tableau dashboards for real-time clinical analytics.
- Drove SaMD DevOps compliance, threat modelling & GDPR-aligned SDLC ensuring full MDR regulatory readiness.

Bosch Global Software Technologies

May 2015 – May 2023

Bengaluru, India

Director – SaaS, IoT & Data-Driven Telematics

Nov 2019 – May 2023

- Led SaaS/IaaS Connected Car Telematics for **7 global key accounts** — **US\$50M+** revenue impact; maintained **99.95% platform availability** for 12+ months.
- Deployed AI/ML predictive analytics for fuel injector failure (**~95% accuracy**); Patent #202141049000 filed; delivered **US\$1.5M** cloud savings; ISO 26262 compliant.

Senior Manager – IP Portfolio & Innovation Strategy

May 2015 – Nov 2019

- Expanded IP portfolio by **50%** in one year — 1 patent per working day; strategic IP consulting across India, ASEAN & Mexico.
- Leveraged Tableau & R for global IP data analytics; achieved **80%+ IP coverage** across all Bosch India product lines.

Robert Bosch Engineering — Vietnam

Jul 2011 – May 2015

Ho Chi Minh City, Vietnam

Director – IT & Engineering Software Delivery

Sep 2013 – May 2015

- Led **200+ associate** IT & Engineering delivery organisation; CSI >85% across Japan, Germany, India & ASEAN.
- Directed QA automation with **50+ engineers**; achieved **100% deployment targets**; P&L managed to Business Plan.
- Built university partnerships with 3 technical universities, establishing a sustainable offshore talent pipeline.

Senior Delivery Manager – IT & Engineering Services

Jul 2011 – Aug 2013

- On-time delivery **>95%** across IT Software, Engineering & Business Services; boosted CSI by **6%** in one year.
- Developed FMEA & Smart Presenter products with **\$4M+ ASEAN** revenue potential; cultivated 4 Group Leaders & 12 Project Managers.

INDUSTRY DOMAINS

- > Automotive & Connected Vehicles
- > Healthcare / MedTech (SaMD)
- > FinTech & Digital Banking
- > Digital Dentistry (EMEA/Americas)
- > Manufacturing IT & Engineering

LANGUAGES

- English · Native / Bilingual
- German · Professional Working

GLOBAL REACH

- India · UAE · UK · Germany
- USA · Canada · ASEAN · Japan

CURRENTLY

Open to Opportunities

Selectively advising founders and engineering leaders on scaling teams, platforms & delivery. Open to full-time Director / VP Engineering roles globally.

PROFESSIONAL EXPERIENCE — CONTINUED

Bosch Engineering & Business Solutions

Jul 2003 – Jul 2011

Senior Project Manager – Engineering Software

Bengaluru, India

- > Led 4 end-to-end engineering programmes for Diesel & Gasoline BUs; **>90% defect-free delivery** index; *Star Performer Award 2010*.
- > Founded Eclipse & Java Competency Centre (2006); mentored PMs to PMBOK standard; secured 2 new accounts via client referrals.
- > Collaborated with global R&D teams across Germany & Japan on embedded automotive software; **8 years CSI above 85%** .

Phoenix Global Solutions (now TCS)

Nov 2000 – Jul 2003

Programming Analyst – Java Developer

Bengaluru, India

- > Developed and integrated ColdFusion & Java modules for healthcare e-learning platforms serving US clients.
- > Earned SCJP – Oracle Certified Java Programmer (2001); recognised for rapid skill ramp-up and code quality.