

# SWARUP KUMAR

Director of Software Engineering | VP – Digital Transformation

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24+

Years Experience

\$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

## 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)

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

## LANGUAGES

- English · Native / Bilingual
- German · Professional Working

## KEY ACHIEVEMENTS

- ▶ Scaled Scrum teams 7x in 5 months — improved built-in quality by 15%; SAFe coach across 8 Program Increments at Straumann
- ▶ Deployed AI-powered predictive analytics achieving 95% accuracy in automotive failure detection — Patent #202141049000 secured
- ▶ Delivered US\$1.5M in cloud infrastructure savings via automation; influenced US\$50M+ in revenue across 7 global SaaS/IoT accounts
- ▶ Built and led 400+ member engineering organisation at BOSCH Vietnam; cultivated 4 Group Leaders & 12 Project Managers
- ▶ Maintained 99.95% SLA compliance for 12+ months on mission-critical multi-channel IoT platform with full DR strategy
- ▶ Expanded BOSCH India IP portfolio by 50% in one year — achieved 1 patent per working day; 80%+ IP coverage across all products
- ▶ Star Performer Award 2010 (BOSCH India); rated 'Above Excellent' for 5 consecutive appraisal cycles; PMP certified since 2010

## PROFESSIONAL EXPERIENCE

### Director – FinTech Delivery & Growth

SLK Software · May 2025 – Present · Bengaluru, India

- › Spearhead multi-million-dollar digital banking & FinTech programmes; 99% client retention over 6 months.
- › Orchestrate agile delivery across 125+ associates (onshore/offshore), cutting delivery costs by 15% while improving SLAs.
- › Drive annual account revenues exceeding \$10M for FinTech key accounts through strategic value delivery and executive engagement.

### Senior Manager – Digital Transformation

Straumann Group (Digital Dentistry) · Jun 2023 – Feb 2025 · Bengaluru, India

- › Architected 2-year digital roadmap (8 Program Increments) modernising dental SaaS across EMEA & Americas; delivered 20 high-value features in 3 months.
- › Scaled Java platform quality by 15% (security, coverage) — grew from 1 → 7 Scrum teams in 5 months via rapid talent expansion.
- › SAFe implementation coach: Lean Portfolio Management, Inspection & Audit, KPI tracking and quantitative analysis.
- › Core contributor to enterprise data lake design, ETL pipelines & Tableau dashboards for real-time clinical analytics.
- › Drove SaMD DevOps compliance, threat modelling & GDPR-aligned secure SDLC — ensuring MDR regulatory readiness.

### Director – SaaS, IoT & Data-Driven Telematics

Bosch Global Software Technologies · Nov 2019 – May 2023 · Bengaluru, India

- › Led SaaS/IaaS Connected Car Telematics solutions for 7 global key accounts — contributed to US\$50M revenue impact.
- › Deployed AI-powered predictive analytics for fuel injector failure (~95% accuracy using telematics data); Patent #202141049000 filed.
- › Ensured 99.95% availability of mission-critical IoT ecosystem (device, web & mobile) for 12+ months via proactive KPI management & DR strategy.
- › Optimised cloud infrastructure & software licensing — delivered US\$1.5M in cost savings through automation.
- › Championed cross-functional collaboration driving 25% reduction in defect rates over two years; ISO 26262 compliant delivery.

### Senior Manager – IP Portfolio & Innovation Strategy

Bosch Global Software Technologies · Jul 2016 – Nov 2019 · Bengaluru, India

- › Expanded IP portfolio by 50% in 2017 — achieved milestone of 1 patent per working day across India region.
- › Provided strategic IP consulting & open-source legal support to BOSCH BUs across India, ASEAN & Mexico.
- › Leveraged Tableau & R for global IP data analytics and visualisation, enabling data-driven IP strategy decisions.

### Director – IT & Engineering Software Delivery

Robert Bosch Engineering, Vietnam · Sep 2013 – Apr 2015 · Ho Chi Minh City

- › Led IT & Engineering software delivery for 200+ associates; CSI >85% across Japan, Germany, India & ASEAN.
- › Directed QA automation strategy with 50+ engineers; achieved 100% deployment targets; P&L managed to Business Plan.
- › Built university partnerships with 3 technical universities; established talent pipeline for offshore centre.

### Senior Delivery Manager – IT & Engineering Services

Robert Bosch Engineering, Vietnam · Jul 2011 – Aug 2013 · Ho Chi Minh City

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

### Senior Project Manager – Engineering Software

Bosch Engineering and Business Solutions · Jul 2003 – Jul 2011 · Bengaluru, India

- › Led 4 end-to-end programmes for Diesel & Gasoline BUs; maintained >90% defect-free delivery index; Star Performer Award 2010.

## GLOBAL REACH

India · UAE · UK · Germany

USA · Canada · ASEAN · Japan

- › Founded Eclipse & Java Competency Centre (2006); mentored PMs to PMBOK; secured 2 new accounts via referrals.

### **Programming Analyst - Java Developer**

**Phoenix Global Solutions (now TCS)** · Nov 2000 – Jul 2003 · Bengaluru, India

- › Integrated ColdFusion & Java for healthcare e-learning platforms; earned Sun Certified Java Programmer (SCJP, 2001).