

# Sheshank Dudyala

d.sheshank@gmail.com · +91 8420891919 · [github.com/d-sheshank](https://github.com/d-sheshank) · [linkedin.com/in/sheshankd](https://linkedin.com/in/sheshankd) · [sheshank.org](https://sheshank.org)

## Profile

Results-driven Technical Product Manager with 10+ years of experience in delivering effective, user centric products & solutions. Successfully leading change, driving high-impact business critical solutions and improving profitability with cross functional teams. Adept at leveraging technical expertise to develop innovative product strategies, optimize processes and achieve business goals. Strengths: System design; Convert ambitious goals into achievable milestones; Data-driven decision making; Technical expertise; Product strategy; Diverse experience to own complex challenges; Hypothesis based problem solving; Build cross functional teams.

## Experience

### Upskilling

Job Transition

Nov 2023 – present

**Certifications:** Product Management Professional, Generative AI with Large Language Models, CrewAI Multi AI Agent Systems  
**Coursework:** Mastering Product Management, Project Portfolio Management, Negotiation Skills, Data and Analytics, Leading change

- Launched a service: Prioritized adaption and simple UX with a Single page Progressive Web App. **Fully async** processes.

### Technical Product Manager, Engg. & Services Cloud

Nokia Finland

Aug 2021 – Oct 2023

**Certifications:** **Azure Solutions Architect** Expert – Microsoft, **AWS Certified Solutions Architect** Associate - Amazon Web Services

- Led a B2B product through **all product lifecycle stages** while prioritizing user requests, product vision and business objectives.
- Identified a strong need for health and performance monitoring of infrastructure for end users (R&D teams) and senior mgmt.
  - Critical infrastructure** for R&D teams was complex system prone to failure where speed and cost savings were primary focus.
  - 11 critical failure points** across **physical, network and service layers** were not owned by service providers.
- Introduced **effective** monitoring iteratively with cross functional team from Infrastructure team, Support and Product teams.
  - Changed **strategy to generate service telemetry** top down instead of bottom up to identify outages & trigger corrective actions.
  - Monitored use cases of **13 critical services**, in **depth first order** from client workflows to failure point. Captured 100% of outages.
- Scaled usage of metrics to major product lines by active demos, custom dashboards and automatically alerting support teams.
  - Designed **data model for scalability** along the dimensions of #use cases. Containerized solution for horizontal scaling on cloud.
  - Prioritized accuracy, security and custom dashboards** needed for product success by support, stakeholders and end users.
  - Proactively **aligned with Clients, Service owners, Support teams and Stakeholders** regularly on weekly governance meetings.
  - 5 product lines adopted **metrics as primary source**, Support Centre onboarded and enabled advanced **analytics** with history.
- Standardized these metrics by scaling to multiple data centres, aligning on thresholds and automatically generating tickets.
  - Enabled massive adoption with API design for smooth integration into custom dashboards and reuse of metrics
  - Ran A/B testing and finalized on JavaScript based graphical charts to show status with 3 states compared to alternatives
  - Aligned on **thresholds for ticketing**, pushed for **automatic ticketing with service teams**, improved stability and reliability.
- Integrated services telemetry into existing systems with Configuration management database team, software configuration management team, Streamlined UX for recording new use cases and **service telemetry as part of 3<sup>rd</sup> party service contracts**.

### Agile Process Architect, R&D Transformation

Nokia Finland

May 2019 – Aug 2021

**Certifications:** Certified SAFe 5.0 Program Consultant, **Nokia Transformational Leadership** - Harvard Business Publishing

- Business agility assessment (BAA):** Assessed business agility of 18 units by onboarding stakeholders and facilitating.
  - Implemented improvements for low scoring dimensions, “coordinating trains and suppliers” and “Lean Governance”.
  - Improved agility by up to **40%** in 2020-2021 via *Program Increment (PI) Planning*, **CSF agile adoption** and *Measuring flow*.
- CSF (Common software foundation) agile adoption: Ensured customer centricity and transparent prioritization.**
  - Curated common challenges of product teams in delaying platform integration by interviewing business heads and architects.
  - Initiated and executed **4 work streams** in a cross functional collaboration with platform team, business heads and product team members: 1. Product portfolio team to arbitrate priorities, 2. Process for handling ad hoc requirements, 3. Launching Agile Release Trains for CSF platform team and 4. Establish shared responsibility for integration of components with clear KPIs.
  - Coached agile teams, ran Proof of concepts, established kanban process for ad hoc requirements to launch Agile release trains.
  - Achieved both of agile transformation team’s objectives of CSF Agile release train launches and CSF adoption KPI targets.
  - Handed over to newly formed CSF transformation team with the long-term objective of establishing CSF services, CSF release cadence alignment with CNS products, Strong Execution focus on supporting products in making customer commitments.
- Measuring flow:** Designed R&D systems with Mode of Operations, workflows and IT tools for predictability and performance.
  - Overcame challenges by leading Tools CoP, defining workflows, automating reporting and designing PowerBI dashboards.

- Transformation Consultant**, Product Creation Practice **Nokia** Finland Nov 2017 – Apr 2019
- Improved mobile networks **mode of operations** by adding **reference architecture requirements** via features screening process.
  - Demonstrated **ownership** in a complex, technical, high-stakes **enterprise IT service transformation** for €500m in savings.
    - Successfully managed transition of **300+ tools** to target operating model, safeguarding inflight projects and mitigating risks.
  - Setup transformation epics with owners by identifying a measure of **leanness** via **15 KPIs, benchmarking and target setting**.
    - Identified **€23m cost savings** through **software reuse** across 14 development units, 5.6 % of SW OPEX, 2368\* reused blocks.
    - Collaborate effectively with 14 SW Development units, Transformation Leads to signoff targets and have clear ownerships.
    - Handed over to business with Governance for validation, dashboard for live tracking and Measures recording financial impact.
    - Identified **€4m cost saving** through **15 R&D Offload and 5 Asset Monetization** projects by leveraging open ecosystem.
  - Project portfolio management: Rolled out **inclusive project selection** method. Developed an app for **reporting and risk mgmt**.
  - **Awarded COO Recognition in CARE** for effectively training colleagues across Europe on data visualization and storytelling.

- Project Manager**, Profitability improvement unit **Nokia** Finland May 2015 – Nov 2017
- **Total cost of Ownership (TCO)**: Resulting in **€300+m savings** every year to accommodate 15% reduction in market.
    - Analysed demand forecasting to find that 2-month forecast is more accurate than 1-month because of sales teams' practices.
    - **Awarded for best business analysis** across Nokia Transformation for enabling increased savings predictability.
    - Mapped E2E create process with stakeholders from Processes, TCO, Mode of Operations to integrate Design to cost process.
    - Established business case management with market driven target setting, Phase-in/Phase-out predictability and clear owner.
  - Facilitated the turnaround of 3 major customer operations, identifying **€30m** in cost savings with new service delivery model.
  - Streamlined implementation, reporting & governance of 600+ projects across Europe resulting in **€116m** in savings.
  - Built an **AI model** in Azure ML Studio to predict and mitigate risks in contracts, saving significant temporary labor costs.

- Software Development Engineer**, Azure site recovery **Microsoft** India Development Center Nov 2012 – Jul 2013
- Developed workflows for Azure, pertaining to Disaster recovery of networks with real time tracking. Improved build processes.

- Software Development Engineer**, Dock Management **Amazon** Development Center, India Jun 2011 – Jul 2012
- Developed and maintained a Tier-1 service while resolving 100+ high severity issues with an SLA of 15 mins 24x7.

---

## Education (IIT, IIM)

- Post Graduate Diploma in Management (PGDM)** **Indian Institute of Management Calcutta** Jun 2013 – Apr 2015
- Relevant Coursework: Information Security in Business (9/9), Strategic Leadership, Information Technology and Systems, Risk Management, Artificial Neural Networks (Applications to Finance and Strategy)
  - Projects: Cloud we price options with Artificial Neural Networks? – Yes. Can this be better than Black-Scholes formula? – Close
  - Internship: **Summer Associate at Goldman Sachs**, Pricing derivatives as Quant Start

- Dual Degree in Computer Science and Engg. (CSE)** **Indian Institute of Technology Madras** Jul 2006 – May 2011
- Bachelor & Master of Technology in CSE, Minor in **Operations Research**. All India Rank of **423** in IITJEE & **357** in AIEEE.
  - Relevant Coursework: **Artificial Intelligence** (10/10), Artificial Neural Networks, Data Mining, Computer Networks, Parallel Computer Architecture, Social Network Analysis, Principles of Software Engineering
  - Projects: Content based video retrieval, Designed 3-tier distributed file system, Cooperative caching, Pascal to C translator
  - Dual Degree Project: Cache-conscious Orthogonal Representative sub-graph Mining on Modern Processors
  - Internships: Research intern at **Yahoo!**, flickr image search; Extreme blue intern at **IBM**, Improved *Geronimo* throughput.

---

## Hobby (IRONMAN triathlete)

### Triathlete, IRONMAN Triathlon Finisher: (3.9 km Swim, 180.2 km Bike, 42.2 km Run)

- Underscores exceptional drive, consistency, and executing to achieving extraordinary long-term goals.
- 2020 – Volunteered for a triathlon, 2020 – 1<sup>st</sup> sprint triathlon, 2021 – 1<sup>st</sup> Half-ironman, marathon, 2022 – 1<sup>st</sup> Full-IRONMAN.

---

## Skills and Competencies

AI models for risk mitigations, Agile methodologies, Analysis, Cross-functional collaboration, Deal making, Feature prioritization, Funnel management, Process improvement, Product design, Product strategy, Productivity improvement and Target setting.

**Technical skills:** Data structures and Algorithms, Software development (C, C++, Java, JavaScript, Python, React, SQL, Git), Artificial intelligence (Regression, Pattern mining, Neural networks, Large language models, Multi-agent GenAI, RAG apps), Cloud Solutions architecture (AWS associate, Azure expert), Microservices (Kubernetes, Docker).