Part 6 Two Decades at Bosch

Germany, SAFe and Championing Simplicity 2019 to 2023

Part 6 of 7: Architecting Value in a

Scaled Agile World

Platforms and Multi Team Collaboration Part 5

⚙ My journey led to deeper involvement in large-scale Agile environments.

⚙ In 2019, a new chapter began with a permanent move to Bosch in Germany.

§ 2/11: Day One SAFe PI Planning Immersion

200 People Planning Together An Exhilarating Start

⚙ My very first day in the new role

was a SAFe PI Planning event!

⚙ A mind-expanding experience in

scaled Agile collaboration.

Mobility Platform Top OEM OTA and Telematics

⚙ Took on roles as System Architect for a Mobility Platform.

⚙ Then Lead Solution Architect for a top OEM, integrating Over-The-Air (OTA) updates & remote telematics.

⚙ Worked with great minds and visionary leaders.

Corona Period Virtual Collaboration Skills Honed

⚙ The COVID-19 period necessitated adapting design, architecture, communication, and presentation skills.

⚙ Mastered an entirely **virtual collaboration model** to keep delivering.

The Burden of Excessive API Documentation

⚙ A recurring theme: We often provided **thousand-page API documentation**.

⚙ This made customers nervous, not empowered.

They needed clarity on key APIs, not exhaustive detail on all.

Simplifying Access Focusing on Value for API Consumers

⚙ This insight led me to challenge UX experts: Think about **Developer Experience** for API providers AND consumers.

⚙ Led to initiatives like UX4API (or UX4Dev).

Ensuring API Integrations Work Smoothly

⚙ Helped promote Consumer-Driven Contract Testing (CDCT).

⚙ Aimed at making API integrations more robust and reliable.

⚙ About simplifying access and focusing on value.

Questioning Data Frequency and Kafka Proliferation

⚙ Continued to provide feedback:

⚙ Why fetch rarely changing vehicle data every 10 seconds?

⚙ Why multiple Kafka clusters when a consolidated approach could be simpler, more efficient?

Web Search for Data Scientists

⚙ As Solution Architect in ADAS with another fantastic team:

⚙ search enablement for scientists.

⚙ Identified & proposed solutions for tech debt: optimizing before upload, streamlining VNet data transfers to cut costs.

Pitches PoCs GenAI Metaverse Recommendations

⚙ Numerous innovation pitches:

⚙ Bosch Group-wide recommendation engine, Metaverse eStore, GenAI for ADAS.

⚙ Prototyped, pitched, iterated - supported by pioneering leaders.

§ 11/11: Vision Sharpened Towards Agentic AI

From Inputs to MVPs via Orchestrated AI Agents

⚙ Experiments were learning

platforms.

Today's vision: Text/Audio/Image/Video

-> Working MVP.

⚙ Achieved via clusters of orchestrated

AI Agents (Agentic AI).

⚙ **Next Up (Part 7 - Final):**

Reflections, The Pivot to Coaching & Future Vision.

⚙ Stay tuned!

Germany : 2019 to 2023

Part 1: Early Days & First Innovations

Access Part 1 PDF

Part 2: Vehicle Diagnostics & Personal Growth (Santa Barbara)

Access Part 2 PDF

Part 3: Oracle Migration & NextGen Platform (Plochingen)

Access Part 3 PDF

Part 4: Connecting Boilers & Taming Big Data (Lollar)

Access Part 4 PDF

Part 5: Alliances, Analytics & Scaled Agile Rise

Access Part 5 PDF

Part 6: Germany, SAFe & Championing Simplicity (2019-2023) (Current)

Access Part 6 PDF

Part 7: Reflections, The Pivot & Future Vision

Access Part 7 PDF

Read the Full Article: Two Decades at Bosch...

All PDF carousels available at **https://agilp.org/pdf/**

Read the Full Article on LinkedIn

Simplicity in a Complex World

How Do You Champion Clarity and Efficiency?

LinkedIn: https://www.linkedin.com/in/amitabhrjha/

X (Twitter): https://x.com/amitabhrjha

Web: www.agilp.org

Focusing on value through clarity and efficient design.

Disclaimer & Acknowledgments