

SURESH

PRODUCT MANAGER

EXPERIENCE

Rolls-Royce (RR) Data Labs, Bangalore Dec 2022 - Present

- Rolls-Royce Data Labs is part of, Civil aircraft engines' Digital vertical of Rolls-Royce PLC, focussed on developing Digital Aviation solutions and SaaS products for airlines.
- Developing a Data Product which is envisioned to transform the way airlines operates. Driving business impact by enabling airlines to perform multi-disciplinary analysis, optimisation, and take data driven decisions.
- Applying entrepreneurial approach in designing a product aimed at enhancing Pilot competency assessment, Fuel efficiency, and Safety. Proof of Value for the Pilot competency assessment module for the landing phase is completed with user testing. Continuing with Product Discovery for the remaining flight phases and modules.
- Integrating various data sources from different departments in an airline onto a single platform. The product is designed to achieve Organizational Behavior Change and Digital Transformation at airlines, while breaking silo practices.
- Leading a dedicated **software development team** of 20 people, including Solution Architect, UX & UI designers, Data Scientists, Data Engineers, Data visualization engineers, Delivery manager and testers.
- Building a product which will both, **generate revenue and save engine maintenance costs** for RR, together in the order of 2 Billion USD/year after 3 years. This product has **high scaling requirements** for Data Analyses, in the order of processing 100s of TB/day of flight data.
- Creating value for airlines by, utilizing my expertise in **Organizational Change Management, Aircraft Design, and Airlines' Operational knowledge.**
- Designing nudges** within product for stimulating Behavioral Changes among **users** like Pilot managers and Pilots, using principles of **Applied Behavioral Change.**



CONTACT



+91 9886169943



suresh@sureshc.in



<https://www.linkedin.com/in/suresh16/>



sureshc.in



Bangalore, India

SKILLSET

- Product Management
- Identifying right problems
- User research
- User Experience Design
- Product Strategy
- Product Road Mapping
- Product Design
- Product Development
- Design Thinking
- Agile methodologies, Scrum
- Complexity Management
- Designing Global Strategies

EDUCATION

M Tech - Product Design & Manufacturing

CERTIFICATIONS :

- Product Management
- Architecture & Systems Engineering
- Managing Technological Innovation

SURESH

PRODUCT MANAGER

EXPERIENCE

- Orchestrating **alignment** among Business team in RR and Leadership team in airlines, to explore the **problem** and **solution space** autonomously.
- Designed **user research** process meticulously, customizing interview process to meet our needs and challenges. The **research intent** was clearly stated and efforts were driven to **maximize** quality and quantity of **actionable insights** derived from user interviews, within the **constraints** of **limited availability of users** and individual interview time, in a B2B setup.
- Leading **assumptions analysis**, to **reduce uncertainty** and **de-risk the project**. Assumptions are identified and tested with users, to **validate, invalidate, and pivot**.
- Driving **User Experience design**, with an objective to **minimize** decision making effort and time for users, hence fostering **product adoption** and promoting **Product Led Growth**.
- Spearheading **Product Strategy** – Defining **Product Vision** (for all modules) and **Product Goals**. Performing **market analysis** and **market segmentation**. Driving **Product Discovery** and **Competitor analysis** to refine product strategy, and developing **Business model canvas**.
- Prepared **Business Requirement Document (BRD)** and **Product Requirement Document (PRD)** for pilot competency assessment module, which helped in defining **Product Roadmap** and driving **Product Delivery** process.
- Defining appropriate **Product metrics** and **KPIs** to achieve **Organizational Behavior Change & Digital Transformation** at airlines and **Business Objectives** at RR.
- Leveraging **aerospace domain knowledge**, to design the features and achieve customer **jobs to be done**.
- Implemented **Design Thinking** approach within the team to develop solutions. Adopted **agile** or **scrum framework** for product delivery.
- Fostering Data Scientists to identify **right approaches to develop logics**, which would meet **compliance requirements** of the product.
- Lead designs for **Data Visualization**, delighting the users with their **effectiveness** and **ease of use**.
- Leading quality assurance activity with **Analytics Validation**. This activity requires **domain knowledge**, involves defining a **reference baseline, tolerance stacks and tolerance bands**. Successfully established **accuracy** within the tolerance bands and understood **confidence levels** within the developed analytics.
- Collaborating with **Product Marketing** and defining the right **Product Messaging**.
- Defining **Product governance** in RR. Mentoring Business analysts for **product thinking**.
- Performed **Product teardown** exercises to improve product thinking. **Conducted workshops** and value stream mapping activities to **improve processes**. Trained team members on high impact presentation. **Continuous improvement** is now a **natural way of working** within the team.
- Communicating effectively on the **evolution of the product** to Product Leadership, and ensuring product development is **aligned with the vision**.
- Created a **psychologically safe** working environment where each team member is **encouraged to experiment, challenge, propose changes and innovate**.

SURESH

PRODUCT MANAGER

EXPERIENCE

Airbus India, Bangalore

July 2012 - Dec 2022

Innovation Manager

- **Single-threaded leader** in designing and developing aircraft stability services for A330 & A350 Final Assembly Line, leading to a **15% reduction** in aircraft assembly lead time.
- **Conceptualized and designed** - aircraft operational loadability **services design**, with a potential to **improve** airline **profitability by 3%** and **reduction** in Greenhouse gases emissions by **5%**.
- **Designed** aircraft ground stability **safety protocols** for a specific airline, **customizing services**.
- **Product Management** and design of business-operated aircraft stability tools.
- **Product Data Manager** of critical aircraft design and operation parameters.
- **Defended** Airbus in front of an airline and proved product performance, eventually **paving way** for **1.5 B USD sales**.
- **Delivered** Global **Innovation strategy** for Airbus Flight Physics CoC in 2021-2022.
- **Lead Global strategy** for developing a **Sustainability culture** in Airbus organization for 2022.
- **13 years** of **Product experience**.
- **4 years** of experience in developing **Global strategies**.

ISAC – ISRO Satellite Centre, Bangalore

June 2011 - June 2012

Research Scholar

- During my tenure at ISRO, I spearheaded the development of cutting-edge spacecraft mass properties estimation techniques. This involved designing for High Density Electronic Packaging, Thermal management, **Multi-Disciplinary Design, Analysis, and Optimization**.
- The findings from the project **catalyzed adopting new approaches** in satellite design and stimulated process improvements.

ICPM – International Certification in Product Management from University of Houston

I am a **Certified Product Manager**. I have completed the certification through Institute of Product Leadership (IPL), which is currently India's leading institution dedicated and helping develop Product Managers in digital space.

Pursuing Post Graduate Program in Product Management (PGPM) from IPL currently.

I am a **Data Product Manager**, with experience building **Data products**. My Super Powers are, identifying the right problems to solve, solving the problems in the right way, user experience design and people management.