



Ritwij Rastogi

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EXPERIENCE SUMMARY

- Results-oriented professional with over 13 years of experience in the field of Product Management, Product development & System Engineering
- Seasoned Project management professional proficient in Predictive Waterfall as well as Agile management frameworks.
- Worked and gained valuable experience in diverse environments and across several international sites such as the USA, Switzerland, Brazil, and India
- Proven ability to build and lead team builder, established two offshore departments for Schindler
- Expertise: Product Management, Program Management, Project Management, Product life cycle, Costing, Quality & Productivity improvements, R&D, Structural Analysis and CAD/CAE

PROFESSIONAL EXPERIENCE

Schindler

Product Line Manager, Strategy & Sales, North America

May '22 – Present

- Responsible for developing and managing the product line strategy to achieve financial objectives for commodity product.
- Manage product changes to implement programs to drive commodity business' success.
- Led cross-functional teams including engineering, testing, supply chain and sales to ensure seamless product development and successful market launches.

Example Programs / Projects

- **Implementation of 'Internet of things'.**

Introduction of IoT device with the objective to monitor the health of the product, collect data about behavior and perform certain remote operations wirelessly.

- **Implementation of Two way visual communication.**

Integrating a third party vendor solution with product's internal control system that allows video and audio communication with the help of a display monitor and camera.

- **Implementation of guidelines mandated by Federal Governing Code.**

Execution of product Software and Hardware changes to align with the mandates rolled out by the United States federal governing code.

- **Product cost out.**

Program, with a business case value of over \$6M annually, to identify and execute potential efficiency improvement initiatives across supply chain and installation departments.

- Create and maintain a product roadmap that aligned with the company's strategic goals, driving product evolution and enhancements.
- Manage relationships with suppliers and vendors to ensure a reliable supply chain and on-time delivery of components.
- Analyze competitor products and pricing strategies, providing insights to the sales and marketing teams to maintain a competitive edge.

- Manage the entire product lifecycle, including product updates, enhancements, and eventual product phase-out, while maximizing profitability.
- Oversaw the creation of comprehensive product documentation, including user manuals, technical specifications, and installation guides.
- Gather relevant information through research, analytics, training, VOC, product benchmarking, and other methods
- Create detailed market requirements documents and perform business case analysis
- Organize, present, and gain organizational acceptance for a clearly defined product line strategy
- Assess and create/improve processes, methodologies, presentations, and tools to track and report on the implementation and progress of objectives

Product Owner, R&D North America

May'18 – Apr'22

- R&D Owner of North American commodity product lines 3300 & 3300 XL
- Responsible for examining market requirements and translating them into technical specifications, providing a road map for component development and also for technical product documentation necessary for production, configuration installation, and maintenance
- Responsible for defining system parameters, boundaries, and limitations for new product introduction as well as for cost optimization initiatives
- Spearhead the execution of the defined product plan for the life cycle of the system/subsystem by taking it from concept to execution, to implementation, and finally to obsolescence
- Ensured adherence to the product quality process (PCP) to the deliverables and milestones during the various stages of product development.
- Led the overhaul of the job acceptance inspection process with a cross-functional team by identifying redundancies and eliminating inefficiencies resulting in major savings for product line business.
- Instituted an offshore systems calculation department at Schindler's research center in Pune, India to exponentially extend the prowess of Schindler North America's systems engineering team
- Act as R&D's point of contact for solving issues, concerns, and 'things gone wrong' for internal stakeholders such as Supply chain, Manufacturing, Installation, Maintenance, Sales, and Business
- Led multiple benchmark missions with the objective to evaluate the performance and features of rival products
- Developed benchmark template to capture maximum details and insights into our product's strength and harness efficiency and improvement ideas.
- Implemented Design Verification Plan and Report (DVPR) for a variety of components
- Led DFMEA sessions, facilitating discussions to identify failure modes, potential causes, and the severity, occurrence, and detection ratings (SOD) for each failure mode
- Liaison with other Global R&D Centers in Switzerland, Brazil, and India to harness specific expertise and bridge resource gaps for North American projects
- Spearhead the formation of a Mechanical design offshore support center on an ex-pat assignment to the research center in Pune, India

System Engineer, R&D North America

May'16 – May'18

Engineer, R&D North America

May'13 – May'16

Engineer, R&D India

Nov'10 – May'13

- Preparation and review of layout plans, system drawings, configurations, bill of material, and other product documentation and to ensure quality as per company norms
- Set up best design practices and templates to consolidate know-how to ramp up for component designers
- Responsible for system calculation as per defined boundaries, and limitations for new product introduction and for cost optimization projects
- Manage the execution of product updates intended to improve efficiency or the cost of the product
- Analyze code and standards to ensure compliance by preparing audits for ASME A17.1, International Building Code, ADA, Local codes, etc, necessary for product implementation in USA & Canada
- Led the design & development of the entire mechanical subsystem for Schindler 3300 and 3300 XL
- Coordinated with manufacturing & supply chain to resolve suppliers' issues, reducing costs by 5%.
- Addressed concerns from the Installation team by redesigning an installation-friendly design that reduced the installation time by 20%
- Led the development of engineering drawings and specifications
- Used advanced CAD software to prepare drawings, 3D models, and other technical documentation needed for manufacturing & supply chain
- Created ECN BOM in Windchill & SAP release data management
- Completed prototype fabrication and testing prior to the final release of the system
- Performed Hand Calculation and CAE, FEA simulation ensuring margins of safety for the components

EDUCATION

Indian Institute of Technology, Bombay, India

Mumbai, India

Masters in Mechanical Engineering

Jul' 2010

Institute of Technology, Purvanchal University

Jaunpur, India

Bachelors in Mechanical Engineering

Jul' 2006

SKILLS

Product Lifecycle Management PMP (Undertaking)

Project Management

Market Requirement Analysis Jira

Change Management

Design and Development Microsoft Project

Quality Management

Scrum Principles Stakeholder Management

Cost Management

System Architecture Technical Documentation

Systems thinking

IMMIGRATION STATUS

Canada: Permanent Resident

USA: H1B Visa holder with Approved I-140.