Job Description
Job Title: IT Product Manager – Manufacturing
Location: UniOps Bangalore

Background

Unilever is digitally rewiring its supply chain, focusing on generating real-time & democratized information, capaitalizing on advanced technologies, and building digitally connected factories. This will help deliver competitive, volume-driven growth while supporting an increasing demand for agility and will have to be underpinned by sustainable cost reduction. The Supply Chain Transformation is expected to enable –

- Improved agility and customer-centricity across end-to-end supply chains through the facilitation of faster recognition of customer preferences and feedback. This, in turn, will allow quick adjustments to manufacturing flows and material flows in factories.
- A competitive edge through supply-chain resilience – thereby requiring connected, reconfigurable supply ecosystems.
- Speed and productivity through increased levels of automation and workforce augmentation coupled with upskilling and reskilling effort.
- Being cost-efficient and resource-efficient, to boost growth and support investment.

Supply Chain cost savings are an essential part of the virtuous cycle of growth and support the business efforts to increase the core operating margin. These savings will be driven by improvements in efficiency.
Supply chain leadership seeks continuous improvement in manufacturing to drive cost savings and higher returns, providing extra fuel for growth as cash is redeployed in new strategic opportunities.

Manufacturing is going through a profound change due to the hyper-acceleration of the fourth industrial revolution. It is touching not just the production process, but the entire operating model. This new operating model includes how business processes are managed & optimized and the usage of technology to transform the ways of working, derive insight & making data-driven decisions. And this will become the blueprint for the entire organization's operating model.
Rapid development and deployment of new digital solutions require us to accelerate the adoption of agile methodologies, using small, cross-functional teams and rapid, iterative processes. There is also an inherent need to upskill talent within the organization at the same scale and pace as technology.

World-class Manufacturing (WCM) will help our factories and SC to deliver safety, quality, sustainability, service, and cost results in line with SC strategy. Digital factory initiate is one of the key strategic programs which contributes huge value to WCM.
Digital Factory is the smart factory initiative in Unilever and will drive the adoption of innovative technology at scale, to ensure that we create more reliable & responsive operations and reduce manufacturing costs.

Digital Factory will -
- Implement standard OT Architecture based on Microsoft Azure IoT and Edge Devices, implemented to extract information, and transmit it to Unilever Azure while ensuring compliance with Cyber Security Policies.
- Application of data science and advanced analytics for translating factory and user needs into digital applications
- Transform key manufacturing workflows from manual to digital, leveraging technology & automation to collect data in an efficient & effective way

Key Accountabilities & Activities

Manage the end-to-end delivery of DFOS (Digital Factory Operating System) new features, bugs, other supporting workstreams of the program like UX, Master data, etc. Understand the business context – factory processes, gaps, and requirements. Ability to translate it into technical documents and explaining the goals to the scrum team and other stakeholders Ensure platform stability by leading programs targeting vulnerable areas of the application features and technology landscape. Enable integrations and further democratization of DFOS data for standard and custom reporting capabilities, other master apps in the Digital Factory platform, Data Lake, etc. Ensure the different development streams deliver quality product features which are meeting the design principles and coding standards Stakeholder Management - Collaborate with global, cluster, and factory level stakeholders to manage the product roadmap, prioritize and keeping them informed about regular releases, achievements, and challenges. Ensuring that the Service Providers deliver IT services (Application Support and Application Maintenance) in accordance with the agreed scope & service level agreement (SLA) for Integration portfolio, in accordance with all applicable performance metrics, including CPIs, KPIs, ESR, user satisfaction targets, operating level agreements and underpinning contracts Control the Digital Factory program budget and manages expenditure within agreed spending plans. Establish and ensure appropriate governance functions for the Digital Factory - DFOS program

Essential Skills
- 10 - 12+ years of overall work experience with a strong background in systems engineering, product development, and/or product management.
- Expert in Agile application development and DevOps
- Good understanding of cloud capabilities (preferably Microsoft Azure)
- Understanding of Supply Chain process (Manufacturing knowledge is a must)
- Good understanding of MES (Manufacturing execution systems)
- Good understanding of factory data acquisition layers (SCADA systems, PLCs, etc)
- Good understanding of core ECC production process
- Extensive, real-world experience designing technology components for enterprise solutions and defining solution architectures and reference architectures with a focus on cloud technologies.
- Self-motivated: able to handle multiple workstreams, prioritize, and manage time efficiently

Desirable Skills
- Experience with Industrial IoT products (or related areas)
- Experience in managing and scaling large & complex transformation programs