

Ravi Kumar Gorre

job.grk@outlook.com • +91 7 981 600 981 • www.linkedin.com/in/ravikumargorre
Pune, India

Skills

Technical Product management
Product development
Leadership

Product Strategy
Roadmap
Agile Methodologies

Product Ownership
Data Analysis in Excel
APIs

Experience

Thermax Ltd

PUNE, INDIA

SME/Product

May '21 – present

- Played a key role as a Subject Matter Expert (SME), leading internal software team in the development of cutting-edge IIoT products.
- Successfully delivered new product features that resulted in a 50% YoY increase in the number of customers, driving significant business growth and market expansion.
- Led [0 to 1] development of innovative digital twin functionality, that helps customer operate their energy-asset at optimum efficiency — A unique selling proposition for the product.
- Revamping of the execution process through the implementation of Standard Operating Procedures (SOPs), resulting in a 75% reduction in new user-asset onboarding time, improving overall team efficiency and productivity of execution.
- Oversaw the execution of projects, ensuring efficient and timely delivery of solutions to clients, while maintaining high-quality standards and customer satisfaction.

Additional Product Ownership Initiatives / Responsibility:

- Launched various new product features using agile methodology and laid roadmap for development of a new offering (IIoT product for industrial thermal oil heaters).
- Composed technical requirements from understandings of user stories and feedback collected by internal operation teams which led to new product features.
- Documentation of product requirements, technical specifications, SOPs for executions and related knowledge.
- Collaborated with business stakeholders to ensure product alignment with business requirements.
- Secured :** Best proof of concept award (2021–22) for “digital twin of grate fired boiler and advanced control of boiler using digital twin technology”.
- This is a digital model of customer’s industrial boiler asset dynamically trained using its IoT data so as to automatically generate operational recommendation for optimal operation of asset.
- This model comprises multiple machine learning models working together to simulate a real system.

Energy and Emission Laboratories

CHENNAI, INDIA

Technical Lead

Jun '19 – Dec '20

- Led [0 to 1] development of prototype: “Particulate matter level measurement sensor for industrial flue gas stacks”
 - Helped client meet compliance particulate emission level of 30 units from 100 units.
 - Established test set up for benchmarking instrument accuracy and precision.
 - Defined technical specifications for the components required to build the product, in accordance with the business requirements.
 - Developed a product roadmap that aligns with overall business objectives, as well as defining key milestones and deliverables.
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Education

Indian Institute of Technology, Madras

CHENNAI, INDIA

Bachelor's degree in Mechanical Engineering

2015 – 2019

key courses: Data Science, Design and Optimisation of Energy Systems

Leadership Roles:

Coordinator of Mechanics 2k18

- Increased the number of participants by 30% compared to last year. Responsible for organizing and conducting events managing about 100 Participants.

Internship @ Daimler

- Worked at a Diesel Engine Durability Test Setup to study various energy flows and losses.
 - Built dashboards in Power BI using data from sensors to display key performance indicators related to energy management, improving visibility and enabling data-driven decision making.
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