

Rishabh Kumar

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Education

- Masters of Science Innovation Technology, University of Washington Sept '24-March '26
Courses in Technology Strategy, Entrepreneurship, Design Thinking, Programming, Prototyping
- Bachelors of Technology in Mechanical Engineering, Delhi Technological University, Delhi Aug '15-May '19

Work Experience

Clutterbot Technologies, Bengaluru

Senior Technical Product Manager-Robot Autonomy

Dec '23-Sept '24

- Led end-to-end **product development from MVP to Beta**, facilitating user testing and customer feedback loops.
- Unveiled **7+ innovative product features** using deep customer insights, optimizing usability and experience (UX), including AI-driven navigation and vision-based autonomous features.
- Improved **5 key product performance metrics** by aligning cross-functional collaboration, focusing on product discovery and data-driven insights.
- Owned and authored detailed Product Requirement Documents (PRDs) for autonomy software systems, **reducing development time by 20%** through technical feasibility assessments of ML models and prioritization.
- Engaged with customer researchers to design user studies and extract valuable insights from data for prioritization strategies; resulting in **40% improvement in key metric** and positive customer feedback.

Addverb Technologies, Noida

Product Manager-Mobile Robotics

May '22-Dec '23

- Defined **product vision, strategy and roadmap** with comprehensive market research, competitor analysis, user requirements, and customer feedback for 5+ variants of Zippy product family.
- Streamlined the **product development lifecycle** using Agile and Stage Gate methodologies, **reducing time to market by 30%**.
- Collaborated with sales, engineering, legal and customer success teams to prioritize features and deliver **customer centric** solutions that resulted in 5+ repeat orders across Europe, Americas, Asia and Australia.
- Spearheaded product lifecycle management for Fleet Management Software, adding features and simulation capability, **improving solution turn-around time by 60%** through API integration and process automation.

Engineer-Mobile Robotics, Noida, India and Melbourne, Australia

July '19-May '22

- **Led R&D initiatives** for new software modules and prototyping; with **product demos and planning**.
- Spearheaded **robot system integration and design development**, enhancing automated QA testing processes.
- Managed and delivered project for successful large-scale deployment of mobile robots, infrastructure, software suite setup and User Acceptance Testing (UAT) in Melbourne, **achieving a 98% up time**.

Skills

- **Product Management and Development:** Scrum & Agile Frameworks, OKRs & KPIs setting, Market Analysis, Product Planning, Road-Mapping, User Research, Go-To-Market & Product Launch strategies.
- **PM Tools:** Jira, Azure DevOps, Miro, ProdPad, Dovetail, MS Office Suite
- **Technical Skills and Tools:** C/C++, Python, ROS/ROS2, Git; SolidWorks, Autodesk Fusion

Additional Information

- Advance **Certificate in Product Management** from XLRI, Virtual Interactive Learning March '22-Jan '23
- Udacity Nanodegree in C++ Programming April '20-July '20
- Shortlisted for Phase Alpha of Indian Air Force, MBC for FOD detection using **Drone swarm** Feb '23
- Excellence award for best International Team, **Robocom 2018, Wuhan, China** July '18