

Chandra SK Nadendla

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PRODUCT MANAGER | AI, ROBOTICS & AUTONOMOUS SYSTEMS

Product manager for robotics and autonomous systems, with a mechanical engineering background (MSc, University of Glasgow) and two years as a production front-end engineer before moving into product. Own the full cycle from customer discovery through technical requirements to delivery across defence, industrial automation, and enterprise software.

Currently run 4 concurrent projects in perception systems and smart inspection, working between client engineering teams and internal development across defence, industrial automation, and enterprise software.

PROFESSIONAL EXPERIENCE

Product Manager

Trinnovate Synergy Technologies Pvt. Ltd. | Feb 2025 – Present

- Converted 4 of 10+ GeM bids into orders, building an active pipeline exceeding ₹2 crore, owning technical proposal, feasibility assessment, demonstration, and negotiation as the product point of contact
 - Currently run 4 active projects across perception systems and smart inspection, owning execution end to end — aligning requirements between the client's engineering team and internal development, planning integration, and driving delivery
 - Primary product interface for defence, industrial, and academic customers including Defence, Navy, PSU(s) and Industries, translating operational challenges into technical requirements and defining product scope against engineering feasibility
 - Own the full product lifecycle for 6+ concurrent robotics and autonomous system initiatives: customer discovery and requirement gathering, PRDs, SOWs and technical specifications, feature prioritisation, unblocking engineering, and client delivery
 - Built a cloud-based multi-robot control platform for remote monitoring and fleet management, and a face-recognition bus attendance system automating student entry tracking for international schools , both to working prototype
 - Introduced the detailed execution framework across a 20+ engineering intern team, improving ownership, collaboration, and delivery consistency
 - Drive product demonstrations, customer workshops, technical presentations, and investor discussions in support of business development
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Business Development Executive

Geo Lands Doctor (Remote) | Sep 2024 – Dec 2024

- Ran outreach to 50+ organisations for Canadian market entry, generating 15+ qualified conversations through targeted positioning and segment-specific messaging.
 - Built 3 market expansion models for international growth, assessing segment fit, entry route, and positioning for a digital twin product.
 - Delivered competitive analysis that fed directly into leadership's go-to-market decision.
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Front-End Engineer

Cognizant | Dec 2019 – Dec 2021

- Built 10+ production React interfaces for high-volume operational workflows, gathering requirements directly from operations users before development.
 - Worked across backend and operations teams on reliability and performance for large-dataset applications.
 - Mentored 5 engineers in React.js and front-end practice.
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PROJECTS

Additive Manufacturing — Spinodoid Lattice Structures | University of Glasgow | 2022–2023

- Built MATLAB and Python predictive models linking electrical and mechanical properties across 500+ data points from 35 printed samples, characterising structure–property behaviour in architected lattices.
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PRODUCT & TECHNICAL SKILLS

- **Product** — Product strategy and roadmapping · Requirement gathering and prioritisation · PRDs, SOWs and technical specifications · Stakeholder management · Product lifecycle ownership · Go-to-market support
- **Technical** — Robotics systems and automation · Perception systems and machine vision · Python, React.js, Django, MATLAB · Postgres · Docker and CI/CD · Cloud deployment
- **Domain & Commercial** — Defence and public-sector procurement (GeM) · Proposal and bid management · Market research and competitive analysis · Client engagement

EDUCATION

- **MSc Mechanical Engineering**
University of Glasgow, UK | 2022 – 2023
- **Diploma in General Business Management**
NMIMS, India | 2021 – 2022
- **B.Tech Mechanical Engineering**
KL University, India | 2016 – 2020