Roshmeet Chakraborty

Product Manager — Product Designer (UX) — Systems & Research-Driven Products

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Professional Summary

Product Manager and Product Designer with hands-on experience across product strategy, systems design, UX, and execution planning, supported by a strong technical and research foundation. Proven ability to lead initiatives end-to-end—from problem definition and requirements to architecture planning, cost modelling, roadmapping, and delivery—across startups, research organisations, and enterprise-adjacent environments.

Experienced in 0→1 product development, SaaS platforms, and research-driven systems, with a disciplined, outcome-focused approach to building scalable, reliable products under both structured and resource-constrained conditions.

Core Skills

Product & Strategy Product Strategy & Roadmapping, PRDs & User Stories, Requirements Analysis, Feasibility Studies, Stakeholder Alignment

Design & UX User Research, Journey Mapping, Information Architecture, Wireframing, High-Fidelity Prototyping, Design Systems

Technical & Systems System & Data-Flow Design, SaaS Architecture Concepts, HTML, CSS, JavaScript, Analytics-Driven Decision Making

Execution & Leadership Agile Delivery, Cross-Functional Leadership, Risk Assessment, Trade-Off Analysis, Large-Scale Project Management

Professional Experience

COSMEON Space Technologies June 2024 – Present
Founder & Product Lead

- Founded and led product and systems planning for a deep-tech initiative focused on next-generation digital infrastructure
- Defined product vision, requirements, and long-term roadmap by translating complex technical and research concepts into buildable product strategies
- Led system architecture planning, feasibility analysis, and cost modelling to evaluate technical, economic, and operational viability
- Balanced ambition with constraints through disciplined prioritisation, trade-off analysis, and phased delivery planning
- Operated end-to-end across product management, system design, stakeholder alignment, and execution

Space Economy Institute July 2025 – Present
Assistant Researcher (Remote)

- Conducted research on the economic and environmental viability of Orbital Cloud Infrastructure (OCI)

- Developed integrated techno-economic, carbon, and water life-cycle models comparing orbital and terrestrial infrastructure
- Identified cost-parity thresholds driven by launch economics, energy pricing, and policy mechanisms
- Contributed to policy and investment discussions on space-based digital infrastructure

Orbital Data Ethics Council (ODEC)   September 2025 – Present

Founding Member & Research Lead

- Contributing to governance, ethics, and policy frameworks for emerging space-based data infrastructure
- Focused on trust, accountability, and institutional alignment

Independent / Multiple Clients   August 2023 – May 2025

Product, UX & Engineering Consultant

- Delivered product design, UX, and engineering solutions across early-stage startups and enterprise-adjacent projects
- Led requirements analysis, workflow design, UI/UX design, and front-end implementation
- Collaborated with founders and engineering teams to translate business needs into scalable products

Selected Clients: Webyapaar Solutions, Digi Groww, iNeuron.ai, Zapvi, Superteams.ai, UiSlick Jaipur

Reuters   May 2024 – December 2024

Product Designer (UI/UX)

- Contributed to UX and product design initiatives within a global enterprise environment
- Worked on user-centric interface design, interaction patterns, and usability improvements
- Collaborated with cross-functional teams to align design outcomes with business requirements

DRDO – Ministry of Defence, Government of India   April 2024 – December 2024

Junior Research Intern

- Conducted applied research in secure systems and advanced technologies
- Gained experience in structured research workflows and technical documentation

Leadership Experience

The Cypher Club   March 2024 – February 2025

President

- Elected President of the official technical club (500+ members)
- Built and led multi-tier teams across technology, operations, and partnerships
- Organised national-level technical events and workshops

MUJ HackX   October 2023 – October 2024

Student Convener

- Led end-to-end execution of an international hackathon with 2,000+ participants
- Managed timelines, budgets, risk, and stakeholder coordination
- Delivered the event with zero critical operational failures

Publications & Research

- Economic and Environmental Viability of Orbital Cloud Infrastructure: A Comparative Analysis with Terrestrial Data Centres
- Further Research and Implementation of Deep Learning Technologies in Oncology
- Secure Localization in Wireless Sensor Networks

Education

Master of Technology Management — Asia Pacific University of Technology & Innovation
Master of Technology Management — De Montfort University
Strategic Direction & Leadership — Chartered Management Institute
Diploma in Space Economy — Space Economy Institute
Bachelor of Computer Applications — Manipal University Jaipur

Certifications & Awards

Product Design and Management
Google Cloud Practitioner
Cyber Security and Forensics
1st Prize — CoDecode
Judge's Choice Award — H4CK