

Contact

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www.linkedin.com/in/roshmeet
(LinkedIn)
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Top Skills

Management Information Systems
(MIS)
Data-flow Diagrams
Prototyping

Languages

German (Elementary)
English (Native or Bilingual)
Hindi (Native or Bilingual)
Bengali (Native or Bilingual)

Certifications

Product Design and Management
Google Cloud Practitioner
Cyber Security and Forensics

Honors-Awards

1st Prize CoDecode
Judges Choice Award at H4CK
Conference Proceedings at CIS
2023 by SCRS India

Publications

Further Research and
Implementation of Deep Learning
Technologies in Oncology for
Enhanced Healthcare Delivery
Secure Localization in Wireless
Sensor Networks: Advancing
Techniques for Resilient and
Reliable Node Positioning
Economic and Environmental
Viability of Orbital Cloud
Infrastructure: A Comparative
Analysis with Terrestrial Data
Centres

Roshmeet Chakraborty

Building Data Centers in Space for all
Kolkata, West Bengal, India

Summary

I am a technology and product management professional with hands-on experience across product strategy, systems design, execution planning, and data-driven decision making, supported by a strong technical foundation.

I have led initiatives end-to-end from problem definition and requirements to architecture planning, cost modelling, roadmapping, and execution in both structured and resource-constrained environments. My background includes experience in product design, full-stack development, analytics, and technical research, enabling me to bridge business objectives with technical feasibility.

Alongside my academic training in Technology Management, I have built and contributed to real products, research initiatives, and cross-functional teams, developing a strong appreciation for delivery discipline, stakeholder alignment, and scalable system thinking.

I am currently seeking structured industry roles where I can deepen my execution capability, work within established teams, and contribute to building reliable, scalable, and outcome-driven technology products.

Experience

COSMEON

Founder & Product Lead

June 2024 - Present (1 year 7 months)

Founded and led the product and systems planning for a technology platform initiative, owning the work from problem definition and requirements through architecture design, feasibility analysis, cost modelling, and execution planning.

A review on cyber security law and management

Overview of Computational Approaches for Cancer Diagnosis

Drove end-to-end product strategy by translating complex technical concepts into structured product requirements, scalable system architectures, and phased delivery roadmaps, balancing ambition with practical execution constraints.

Worked hands-on across product management, system design, stakeholder alignment, and delivery execution, operating in a resource-constrained environment that required prioritisation, trade-off analysis, and disciplined decision-making.

Developed experience in technology strategy, data-driven evaluation, risk assessment, and roadmap ownership, while coordinating across technical, research, and external stakeholders to ensure clarity, accountability, and forward progress.

This role strengthened my ability to operate across product, technology, and business domains, while reinforcing the importance of execution discipline, scalability thinking, and structured delivery in building credible technology products.

Orbital Data Ethics Council - ODEC
Founding Member & Research Lead
September 2025 - Present (4 months)

Contributing to early-stage research and framework development focused on governance, ethics, and policy considerations for emerging space-based data infrastructure

Space Economy Institute
Assistant Researcher
July 2025 - Present (6 months)
Rome

Conducted independent core research in collaboration with the Space Economy Institute on the economic and environmental viability of Orbital Cloud Infrastructure (OCI) as a complement to terrestrial data centers. Developed an integrated techno-economic, carbon, and water life-cycle model comparing orbital and terrestrial digital infrastructure. The study identified cost-parity thresholds driven by launch cost reduction, energy pricing, and carbon taxation, and demonstrated the potential of OCI for zero-operational water use and improved long-term resilience. This work contributes to emerging policy and investment discussions on the space-based data economy.

Independent / Multiple Clients

Product, UX & Engineering Consultant (Multiple Clients)

August 2023 - May 2025 (1 year 10 months)

Delivered product design, UX, and engineering contributions across multiple early-stage and enterprise projects, including requirements analysis, system workflow design, UI/UX design, front-end development, and analytics-driven product improvements.

Collaborated with cross-functional teams to translate business and technical requirements into functional, scalable product solutions under tight timelines and evolving constraints.

Selected engagements:

- Webyapaar Solutions - Visual Interaction Designer
- Digi Groww - Product Designer, Web Developer, UI UX Designer, Shopify + Webflow + Wordpress
- iNeuron.ai — SaaS Product Design & Engineering
- Zapvi & Superteams.ai — Product Design & UX
- UiSlick Jaipur - UI UX Designer

The Cypher Club

1 year 9 months

President

March 2024 - February 2025 (1 year)

Jaipur, Rajasthan, India

Elected President of the official technical club of the Department of Computer Applications, responsible for strategic direction, team leadership, and operational management of a 500+ member organisation.

Built and led multi-tier teams across technology, events, operations, marketing, and partnerships, establishing delegation structures, leadership pipelines, and accountability mechanisms to enable effective execution at scale.

Planned and executed national-level technical events, workshops, and initiatives, overseeing project planning, budgeting, scheduling, vendor coordination, and on-ground execution while ensuring alignment with institutional goals.

Actively mentored core committee members, delegated ownership of initiatives, and fostered a high-trust, high-performance team culture focused on collaboration, delivery, and continuous improvement.

Served as the primary liaison between faculty, university administration, industry partners, and student teams, developing strong communication, negotiation, and people management capabilities.

Joint Secretary

June 2023 - April 2024 (11 months)

Jaipur, Rajasthan, India

Reuters

8 months

Product Designer

August 2024 - December 2024 (5 months)

Canary Wharf, London, United Kingdom

UI UX Designer

May 2024 - August 2024 (4 months)

Canary Wharf, London, United Kingdom

DRDO, Ministry of Defence, Govt. of India

Junior Research Intern

April 2024 - December 2024 (9 months)

India

MUJHackX

1 year 7 months

Student Convener

October 2023 - October 2024 (1 year 1 month)

Led the end-to-end planning, execution, and delivery of an international-scale hackathon with 2,000+ participants, 100+ industry professionals, and 50+ academic and industry delegates, coordinating multiple workstreams from concept to post-event closure.

Owned overall project management, including scope definition, timelines, task delegation, risk management, and cross-team coordination across logistics, partnerships, technology, marketing, judging, and operations teams.

Built, managed, and delegated responsibilities to large cross-functional volunteer teams, establishing clear ownership models, communication cadences, and escalation paths to ensure smooth execution under strict deadlines.

Acted as the central point of coordination between sponsors, speakers, judges, university administration, and internal teams, ensuring stakeholder alignment, issue resolution, and a high-quality participant experience.

Successfully delivered the event with zero critical operational failures, demonstrating strong capabilities in leadership, execution discipline, stakeholder management, and large-scale event operations.

Student Core Committee

April 2023 - October 2023 (7 months)

Managing on ground event management and smooth workflow of the participants and delegates during the event and planning of the 2 days international hackathon.

Notion

Visual System Designer

August 2023 - October 2024 (1 year 3 months)

Tokyo, Japan

Worked on Notion Calendar Project.

Red Hat

Junior Product Designer

September 2023 - January 2024 (5 months)

North Carolina, United States

My experience with Red Hat's learning platform was marked by interactive modules, expert guidance, and a community of fellow learners. The certification process not only validated my proficiency but also reinforced the importance of open-source principles and collaborative problem-solving. Armed with this certification, I am well-prepared to navigate the challenges of Linux system administration with confidence and expertise.

IBM

Junior Database Administrator

June 2023 - December 2023 (7 months)

Armonk, New York, United States

Working as a junior data analyst.

eTeki Inc.

Freelance DevOps Engineer

June 2023 - October 2023 (5 months)

United States

Working as a Data Scientist and Analyzer of unorganized data

Education

De Montfort University

Masters of Technology Management , Business Administration and
Management, General · (October 2025)

Chartered Management Institute

Strategic Direction and Leadership · (October 2025)

Asia Pacific University of Technology and Innovation (APU / APIIT)

Masters in Technology Management , Business Administration and
Management, General · (October 2025)

Space Economy Institute

Diploma in Space Economy · (July 2025 - September 2026)

Manipal University Jaipur

Bachelors in computer application, Computer Science · (September
2022 - May 2025)