

Devesh Tripathi

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Education

NIT Kurukshetra

2022 – 2026

B.Tech, Mechanical Engineering

Relevant Coursework: Product Design, Market Psychology, Engineering Economics, Consumer Behavior, Data Analytics, Industrial Engineering

St. Joseph's College, Prayagraj

2020 – 2022

ICSE: 98.6%, ISC: 92.5% — Top scorer; Fr. Rego Scholar; 7 perfect subject scores

Experience

Project Trainee – DRDO (CFEES)

Jun – Jul 2024

Researched ECUs and predictive diagnostics in defense IC engines. Used Python and MATLAB to identify system fault trends and improve readiness. Proposed solutions that enhanced uptime and operational efficiency, contributing to mission-critical reliability.

Design Engineering Intern – SEPL (Saraswat Engineers Pvt. Ltd.)

Jun – Jul 2025

Aligned design teams with manufacturing functions to minimize rework and production delay. Initiated documentation improvements and communication workflows that increased build quality and transparency.

Projects

Feature Impact Analysis Dashboard

GitHub

Built Power BI dashboard mapping feature usage to retention; informed roadmap decisions and reduced churn. Identified redundant features and improved clarity of product value proposition.

Sales Forecasting Model

GitHub

Trained ML models improving SKU forecast accuracy by 22%; enabled data-led inventory planning and reduced overstocking across simulations.

Positions of Responsibility

TEDxNIT Kurukshetra – Product & Operations Lead

Led event delivery for 300+ attendees; oversaw content curation, stakeholder coordination, and schedule optimization. Created documentation pipelines for event assets.

Startup Cell – Program Coordinator

Curated ideation events and startup showcases; synthesized participant feedback to improve program structure and engagement.

Editor – Just Another Magazine

Managed team of writers and led editorial strategy for institute's flagship magazine; ensured content consistency and high publishing standards.

Confluence (MAD, ELAD) – Anchor & Programming Head

Directed live events at 30K+ footfall cultural fest. Anchored headline segments and ensured live coordination among technical, cultural, and logistics teams.

Key Achievements

Won 5+ national product and strategy events (Techspardha, IITs)

Fr. Rego Scholar (ICSE City Topper); IOQM Qualified

Secured podium finishes in BPDs, JAMs, Declamations, and Creative Writing

State-level chess player; Theatrix semifinalist (IIT Guwahati)

Awarded 150+ certificates across cultural, literary, technical competitions

Skills

Product & Strategy: Product Thinking, Roadmapping, Prioritization, Market Research

Analytics: Power BI, SQL, Python (pandas), Excel

Design & Collaboration: Figma, Notion, MS Office, LaTeX

Communication: Public Speaking, Content Strategy, Stakeholder Alignment

Technical: MATLAB, Java, C