

Devesh Tripathi

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Education

NIT Kurukshetra

2022 – 2026

B.Tech, Mechanical Engineering

Relevant Coursework: Engineering Economics, Market Psychology, Consumer Behavior, Operations Management, Data Analytics, Supply Chain Systems, Industrial Engineering

St. Joseph's College, Prayagraj

2020 – 2022

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

Experience

Project Trainee – DRDO (CFEES)

Jun – Jul 2024

Researched ECUs and predictive maintenance in defense IC engines using Python and MATLAB, applying ML to identify fault trends and enhance reliability frameworks; usage of software in ECUS.

Design Engineering Intern – SEPL

Jun – Jul 2025

Coordinated cross-functional teams to ensure production precision, reducing delay and defects; facilitated communication between design and fabrication units. Streamlined design handoff and documentation processes.

Projects

Supply Chain Strategy Dashboard

GitHub

Built SQL and Power BI dashboards to analyze supplier KPIs and streamline sourcing; reduced stockout incidents by 18% through data-driven insights. Designed dynamic visualizations to monitor real-time procurement metrics.

Sales Forecasting Model

GitHub

Developed ML models improving SKU sales predictions by 22%; enabled smarter inventory planning and reduced overstock situations. Integrated historical sales data and promotional variables into model training pipeline.

Positions of Responsibility

TEDxNIT Kurukshetra and Startup Cell – Sponsorship, Content & Logistics Manager; Strategy Coordinator

Led cross-functional team and stakeholder engagement to deliver a large-scale TEDx event for 300+ attendees; negotiated sponsorships, optimized workflows, and ensured day-of execution excellence. Organised Entrepreneurship talk sessions and headed events like B-plan and productathon.

Editor – Just Another Magazine

Curated and edited campus-wide publication; managed writers, designers, illustrators and deadlines while aligning creative content with institutional values and readership; managed sales and got sponsorships.

Alumni Association – Engagement & Communications Head

Orchestrated strategic outreach and relationship campaigns involving 500+ alumni; developed content and communication channels to reinforce institutional memory and branding.

Confluence (MAD, ELAD) – Committee Head & Anchor

Programmed stage sequencing and managed multi-track events for 30K+ attendees; served as emcee and key representative, ensuring cohesion across cultural, technical, and managerial teams; EP and Hospitality incharge.

Key Achievements

Demonstrated strategic acumen through top finishes in 5+ case competitions (Techspardha)

Awarded Fr. Rego Scholar for ICSE board score (city topper); IOQM Qualified

Clinched prizes in JAMs, BPDs, Declamations, MUNs, Creative Writing Competitions.

State-level chess player; Semifinalist – Theatrix (Alcheringa, IITG)

Received 150+ certificates and 25+ awards across extra-curricular activities; Best All-rounder Award in school.

Skills

Strategy & Ops: Business Analysis, Process Mapping, Event Management

Soft Skills: Public Speaking, Writing, Analytical Thinking, Stakeholder Engagement

Data, Languages & Tools: Excel, SQL, Power BI, Python, Git, Java, C, Tableau, MATLAB

Interests: Strategy and Analysis, Debating, Writing satires, Cricket, Sitcoms, Interacting with people