

Devesh Tripathi

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Education

NIT Kurukshetra 2022–2026
B.Tech in Mechanical Engineering. Courses: Operations Management, Supply Chain, Industrial Engineering.

St. Joseph's College, Prayagraj 2020–2022
ICSE: 98.6% - Top scorer with 7 perfect subject scores, ISC: 92.5%

Experience

Project Trainee – DRDO (CFEES) Jun–Jul 2024
Studied Electronic Control Units (ECUs) in defense-grade IC engines, focusing on diagnostics and data capture. Explored integration of ML techniques and collaborated with defense engineers to propose data-driven upgrades for mission-readiness improvement.

Design Engineering Intern – SEPL Jun–Jul 2025
Worked on CAD modeling and engineering design. Liaised with manufacturing teams to synchronize design approvals and reduce production downtime by 12%.

Projects

Supply Chain Capstone GitHub
Built Power BI dashboards and SQL queries to analyze stockouts and vendor performance. Recommended process optimizations that reduced lead times and enhanced vendor evaluation KPIs.

Sales Forecasting Model GitHub
Trained ML models (XGBoost, RF) on weekly sales data to reduce forecast error (MAPE) by 22%. Supported inventory decisions across SKUs, boosting fulfillment rates and reducing overstocking.

Positions of Responsibility

TEDxNIT Kurukshetra – Sponsorship & Logistics Jan 2024 – Present
Led logistics and managed sponsorships for flagship TEDx event with 300+ attendees.

Startup Cell – Logistics Coordinator Dec 2022 – Present
Oversaw inventory and vendor coordination for campus expos and startup showcases.

Editor – Just Another Magazine Jan 2023 – Present
Directed writing and editorial efforts for a student-run magazine with cultural and opinion features.

Alumni Association – Student Coordinator Oct 2023 – Present
Planned alumni reunions and initiated outreach programs across graduating batches.

Confluence (MAD/ELAD) – Organizer Dec 2022 – Present
Handled logistics, scheduling, and execution for events drawing a footfall of 30,000+.

Achievements

- Achieved 7+ podium finishes at Techspardha in strategy, B-plan, and case competitions.
- Won top ranks in APDs, BPDs, JAMs, Declamation, and Creative Writing contests.
- Fr. Rego Scholar for ICSE 98.6%; Excalibur Hackathon merit certificate.
- Honourable Mention at UNGA MUN '23/'24; semifinalist at Alcheringa '24 dramatics.
- Secured 150+ certificates in different extra curricular activities across school and college.
- Qualified IOQM – Indian Olympiad Qualifier in Mathematics.

Skills

Ops/SCM: Procurement, Logistics, Inventory Mgmt, Forecasting, Vendor Relations
Tools: Excel, SQL, Power BI, Tableau, Python(basic), JAVA(basic), SAP, MATLAB, Git
Soft Skills: Communication, Collaboration, Attention to detail, Analytical Thinking, Writing
Interests: Strategy, Debating, Writing, Cricket, Satire, Sitcoms