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# ARYAN MITTAL

## PURSUING BTECH IN MECHANICAL ENGINEERING FROM NSUT

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### PROFESSIONAL SUMMARY

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A results-oriented Mechanical Engineering student at Netaji Subhash University of Technology with skills in Python, data analysis, product design, and prototyping using AutoCAD. Proven ability to bridge technical and non-technical disciplines, with strong problem-solving and project management capabilities. Seeking opportunities to contribute to dynamic teams and deliver value through meaningful projects.

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### SKILLS

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- Programming Languages: Python + MySQL, C++, Java, C, Bash Scripting
- Time-management and Multitasking
- E-commerce: Shopify Stores Development and Management
- Data Science & Machine Learning: scikit-learn, Matplotlib, Tableau, Excel, Regression Models, GenAI
- Speech + Effective communication
- Research and Development
- Design & Prototyping: AutoCAD, Figma, Canva, Fusion360
- Programming Languages: Python + MySQL, C++, Java, C, Bash Scripting

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### CERTIFICATIONS

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Gen AI Certification, Udemy (Julian Melanson)

Stock Investing and Trading Certification, Udemy (Yash Utmani)

ML and Data Science Course, Finlatics

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### EXPERIENCE

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**Junior Consultant**, 07/2025 - Current

**180DC NSUT** – New Delhi

- Contributed to client acquisition efforts and market research for a solar technology startup.
- Developed a comprehensive go-to-market strategy that directly influenced the startup's business development plans.

## **Engine and Transmission Member, 07/2025 - Current**

### **TDR NSUT – New Delhi**

- Engine & Transmission Team Member, TDR NSUT: Contributed to the design, research, and development of an All-Terrain Vehicle (ATV) from the ground up, with a specific focus on the engine and transmission systems.
- Aided in R&D efforts to enhance engine efficiency and overall vehicle performance.

## **Enactus NSUT- Project Manager at Annotsav, 09/2024 - Current**

### **Enactus**

- Spearheaded the development and management of the Annotsav project, a social initiative focused on **smart irrigation IoT devices**, and a sustainable pottery marketplace.
- . Curated and managed the project's social media presence and a Shopify **e-commerce store**, successfully increasing sales by **50%**.
- Conducted ground-level fieldwork and **R&D** to refine the smart irrigation IoT device, ensuring its practical application and effectiveness.

## **Co-Founder, 12/2020 - 08/2021**

### **MacroThink Inc. – New Delhi**

- **Co-founded** a service-based company, delivering a range of creative and digital solutions, including social media management, website development, and graphic design.
- **Headed** the social media department, leading and managing a team of 5 to 6 people to deliver projects for clients across major Indian cities, including Delhi, Mumbai, and Bangalore.
- Managed end-to-end project deliverables, ensuring client satisfaction and successful project completion through effective **team coordination, and creative execution**.

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## **EDUCATION**

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**Bachelor of Technology:** Mechanical Engineering CGPA - 7, Expected in 05/2028

**Netaji Subhash University of Technology** - New Delhi, India

**Senior Secondary Education (Class XII), [CBSE]:** PCM 89%, 03/2024

**New Delhi Public School** - Delhi, India

**Secondary Education (Class X):** CBSE 95%, 03/2022

**St Francis De Sales School** - Delhi, India

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## **INTERESTS & ACTIVITIES**

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Business Strategy, Data Analysis & Machine Learning, Robotics & Automation, Programming & Algorithmic Tasks

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## PROJECTS

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**AdPulse (In Development Stage)** • Objective: Developing a machine learning-driven tool to analyze ad data from multiple CSV files, providing users with actionable insights.

**Waste to Fuel Marketplace** • Developed a Python-based marketplace that provides real-time buying and selling rates for various types of fuels, including waste-derived fuels.

**Jarvis smart Voice assistant** • Jarvis smart Voice assistant: Developed a Python-based voice assistant utilizing features from Eleven Labs for natural language processing and voice controls.

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## PORTFOLIO

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- [www.linkedin.com/in/aryan-mittal-5762941b9](https://www.linkedin.com/in/aryan-mittal-5762941b9)
- <https://github.com/CodeManiac798>
- <https://portfolio-website-fawn-kappa-75.vercel.app/>

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## ACCOMPLISHMENTS

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- DiraCosmos Case Study Winner (₹50k Prize): Led a team in a case study on pulsars and quantum mechanics, successfully brainstorming and providing solutions to complex scientific questions.
- National Ideathon Finalist: Presented a "Waste to Fuel" business idea to the Chief Minister, being selected as one of the top 10 teams out of 652 and showcasing strong entrepreneurial and presentation skills.
- First Prize at Hurdle B-Plan Enact JDMC • Envision '25 IIT Roorkee Finalist
- Top 5% in Science Department (12th Grade): Recognized for academic excellence in science.