Vishesh
Bachelor of Technology
Materials Engineering
Oct 2020 - Aug 2024
Indian Institute Of Technology Delhi

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LinkedIn
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TECHNICAL SKILLS

- **Languages**: SQL, Python   **Libraries & Frameworks:** NumPy, Pandas, NestJS
- **Software and Tools**: MS Excel, Power BI, Jupyter Notebook, PyCharm, SQL Server Management Studio, Bubble.io

INTERNSHIPS

GroMo | Business Analyst, Gurugram (**Jun 2024 - Aug 2024**)

- Analyzed client data from financial institutions, mapping **10+** critical application stages to enable customer guidance
- Established an application tracking solution, **increasing user retention** by **20%** through actionable insights and transparency

Parchaa | Bubble.io Developer, New Delhi (**May 2023 - Aug 2023**)

- Developed automated queue-management system to streamline registration process, **reducing wait times** at hospitals by **30%**
- Leveraged **Nest.js** framework to build **REST APIs**, enabling seamless integration, efficient communication across platform
- Earned a **Pre-Placement Offer** from the Founder, CEO for impeccable performance, dedication and commitment

PROJECTS

ANN-Based ML Model | Under Prof. Karra, IIT Delhi

- Used **ANN** to predict the glass transition temperatures of various multicomponent oxide glasses with as high as 65 elements
- Implemented a **Multilayer perceptron model** with 2 hidden layers; included dropout routine to prevent overfitting
- Achieved an R^2 score of **0.925**, indicating major capture of patterns between the input features and the target variable

HR Analysis Dashboard | Independent Learning

- Designed and executed an **interactive** Power BI dashboard to visualize comprehensive **employee presence insights**
- Pre-processed data with **Power Query** and developed important metrics using **DAX** formulas
- Helpful in **optimizing** overall **business operations** by analyzing attendance **patterns** of the entire workforce

Best Cricket World Cup XI | Independent Learning

- Performed **ETL** process on the match summary data available in JSON format using the **Pandas** library for effective analysis
- Developed an interactive Power BI dashboard to **select** the **Best XI** of the ICC T20 WC 2022 based on performance metrics
- Facilitated final XI selection from shortlisted players based on predefined criteria and **comprehensive visuals**

CERTIFICATIONS

- SQL (Intermediate) Skill Certificate | Issued by HackerRank — **Credential URL**
- Introduction To MS Excel Course Certificate | Endorsed by Microsoft | Issued By SimpliLearn — **Credential URL**

POSITIONS OF RESPONSIBILITY

Coordinator | TRYST'23, IIT Delhi (**Jan 2023 - Mar 2023**)

- Spearheaded a dynamic **3-tier** team efficiently, orchestrating flawless logistics for **100+** events and **20k+** participants
- Exemplified strong leadership, overseeing **5+** Activity heads and **20+** team heads to achieve outstanding results
- Skillfully secured **1.5 lacs** in highly lucrative deals with food stall vendors, ensuring exceptional dining experiences

Cricket Captain | Aravali Hostel, IIT Delhi (**Jul 2021 - May 2023**)

- Led a team of **20+** players to **3rd** and **2nd** Place finishes in Inter-Hostel GC 2023 & 2024 respectively among **10+** hostels
- Organised various events to increase fresher's participation and to continue the supreme culture of the sport in our hostel

EXTRA CURRICULAR ACTIVITIES AND AWARDS

- Represented the IIT Delhi Cricket Team across nation, clinching consecutive **Inter-IIT gold medals** in 2022 and 2023
- Honored with the **Bimal Kumar Mahendroo Award for the Best Cricketer** (2023-24), recognizing exceptional performance
- Received the **Pride of Aravali** in 2024, a top student honor, for exemplary sports contributions at Institute and Hostel levels
- Winner in the event 'Materials and Art' within the MLL251 course outshining **10+** teams and **40+** participants (Drama)