Prerna Madhyan

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Education

Indian Institute of Technology (ISM), Dhanbad — Expected May 2025
Bachelor of Technology in Mining Engineering (CGPA: 7.42 / 10) — *Dhanbad, Jharkhand*
- **Relevant Coursework:** Supply Chain Management (MSD526), Personnel Management and Industrial Relations (MSD510), Data Analytics (MNC306)

Experience

Leadseeder — May 2024 – June 2024
Summer Intern — *Remote*
- **Objective:** To automated LinkedIn tasks, increasing networking efficiency by 40% and engagement by 30%
- Developed a LinkedIn automation tool that optimized networking for 500+ professionals, improving outreach
- Built a Chrome extension to import up to 200 users per session, including search results and group members
- Implemented a scheduler using Agenda.js to automate 100+ invitations/day, profile visits, and messaging sequences
- **Tech Stack** : Express.js, Node.js, MongoDB

Projects

Improving Conversion Rate of Spotify Premium: — *Self Project | Jun 2023*
- Proposed strategies leveraging data analytics to enhance free-to-premium user conversions in India
- Conducted market analysis to identify key user retention challenges and devised localization-based solutions
- Defined success metrics and prioritized features using analytics to improve engagement and conversion rates

Supply Chain Analysis Project: | *Pandas,Numpy,Seaborn,Matplotlib,SQL,PowerBI* — *Self Project | Mar 2024*
- Performed exploratory data analysis (EDA) using Pandas, Numpy, and Seaborn to identify sales trends and optimize supply chain performance
- Leveraged MySQL for analyzing cost structures, shipping performance, and lead times for profitability improvement
- Built Power BI dashboards to visualize KPIs such as revenue, product sales, and shipping efficiency for decision-making

Technical Skills

Programming: HTML5, Python, SQL, JavaScript, C++
Tools & Technologies: Excel, Power BI, Tableau, MySQL, Pandas, Numpy, Seaborn, Matplotlib
Concepts: Data Visualization, Statistical Analysis, Predictive Modeling

Achievements

- Global Rank of 1469 in Leetcode Weekly Contest 411, competing against 32K participants
- **CodeForces**: Max Rating 1129 | **CodeChef**: Max Rating 1562 | **LeetCode**: 320+ Problems, Max Rating 1674
- Advanced to the second round **Myntra - WeForShe Hackathon**, demonstrating strong skills and innovations
- First Runner-Up in EV-Sim, organized during Concetto, the annual tech event of IIT (ISM) Dhanbad
- Achieved a top 2.5% ranking in the JEE Mains 2021 examination, standing out among 1.2 million candidates

Position of Responsibility

Co-ordinator of ArtFreaks: Headed the team of 50+ members, overseeing all activities, events, and logistics with oversight
Senior Member of Chassis Department, Mechismu: at MECHISMU - a prestigious technical society of IIT (ISM) Dhanbad
Member of Organizing Committee, Concetto 22: Annual Techno Management Fest of IIT ISM Dhanbad- Member of the Hospitality team Managed over 1500 people, including visitors to the campus
Participated in over five inter-college debate tournaments, enhancing public speaking skills and cultural connections