

Meenal Saini

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EDUCATION

NIT, JALANDHAR

BTECH in Industrial and
production Engineering
July 2021-Present | Jalandhar
Grade: 8.12 / 10

THE SENIOR STUDY2

Higher Secondary Education
March 2021 | Rampur
Grade: 90%

THE SENIOR STUDY2

Secondary Education
March 2019 | Moradabad
Grade: 91%

LINKS

GitHub
LinkedIn
Kaggle

SKILLS

Languages

• C/C++ • Python • JavaScript
• MATLAB • HTML • CSS • SQL

Libraries

• TensorFlow • PyTorch • SciKit-learn
• Pandas NumPy • Matplotlib • Keras

Tools

• Powerbi • Tableau • MS Excel
• MS powerpoint • Kanban

Databases

• Postres • Mysql • MongoDB

Others

• Research skills, Supply Chain
Management, Six Sigma

PATENTS GLOGIFT 2024

| First Author

- Developing a Sustainable Framework for I5.0 for a Flexible Supply Chain: A Path Towards Environmental and Social Responsibility

Logistics and Operations Intern | AgroVitafoods

June 2023 – July 2023 Link

- Scraped product data from 5 B2B platforms (e.g., IndiaMart, Alibaba) to identify import costs for Agrovita Foods.
- Analyzed data for 20 food product categories to determine import costs across 10 Indian states.
- Identified the Top 3 states (Maharashtra, Gujarat, Punjab) with the minimal import costs for Agrovita Foods, resulting in potential cost savings of 15%.
- Created presentations to communicate findings to potential buyers, leading to a 10% increase in qualified leads.

Summer Research Intern | IIT BHU

May 2023-June 2023

- Engaged in a research internship focused on energy harvesting with piezoelectric materials and MATLAB, resulting in a 30% increase in data analysis proficiency and a 25% improvement in problem-solving abilities.
- Contributed to progress reports and presented the findings during weekly team meetings.

Project Manager Intern | Writo Pvt LTD

May 2022-August 2022 Link

- Led and managed multiple technology projects from inception to successful delivery, ensuring adherence to stringent deadlines, budgets, and quality benchmarks, resulting in a 15% increase in project efficiency and a 20% reduction in time-to-market.

PERSONAL PROJECTS

Laser Engraving Machine

- Developed a low-cost laser engraving machine using entirely recycled materials (e.g., salvaged CD drives, stepper motors, relay), promoting sustainable practices.
- Reduced project costs by 90% compared to commercially available laser engravers by utilizing recycled components.
- Contributed to a circular economy by giving a second life to discarded electronics and waste materials.
- Achieved a sustainable and cost-effective solution.

Developed a Sustainable framework for Industry 5.0

- Performed a case study on an Indian MSME adopting I4.0 techniques, providing real-world context.
- Utilized a combination of DEMATEL and Fuzzy-AHP methodologies for framework development, showcasing robust quantitative analysis.

MEEN's Stock Trend Predictor Source Code , Web app link

- Pioneered an LSTM-driven stock trend prediction model on Streamlit, captivating over 100 viewers with its precision. Simplified stock ticker forecasting for investors, empowering strategic decision-making.
- Tech Stack: Keras, Python, Machine learning, Sci-kit-Learn, TensorFlow, Streamlit, Jupyter notebook

ACHIEVEMENTS

- 1500+ connections on LinkedIn.
- Cleared online supply chain Assignment of flipkart.
- Created 10+ dashboards using excel and power BI giving useful insights.