Ankush Kumar Ramteke

M.Tech in Manufacturing Science & Engineering
Indian Institute Of Technology, Guwahati

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EDUCATION

Degree	Institute/Board	CGPA/Percentage	Year
M.Tech. Manufacturing Science & Engineering	IIT Guwahati	7.96	2022-24
B.Tech. Mechanical Engineering	BIT Durg	6.95	2015-19

INTERNSHIPS AND PROJECTS

- **Experimental and predictive studies of Submerged Arc Additive Manufacturing Method** *2024*

  Dr. Shrikrishna N. Joshi, Dept. of Mech.,IIT Guwahati MTP
  - Applied data analysis, statistical modeling, and machine learning to enhance Submerged Arc Additive Manufacturing (SAAM) processes.
  - Achieved a 20% increase in efficiency and a 15% reduction in material waste, demonstrating SAAM's potential in the aerospace, automotive, and energy sectors.

- **Hospital Management Model using Python interface.** *August, 2023*

  Python GUI, SQLite Github
  - Engineered a user-friendly hospital management application using Python and SQL, incorporating Ttkbootstrap for an enhanced interface.
  - Optimized patient appointment scheduling efficiency, reducing average wait times by 25%.

- **Diwali Sales Visualisation** *2023*

  Tableau Public Tableau
  - Constructed a comprehensive data visualization model using Tableau, analyzing over 10,000 transaction records during Diwali.
  - Extracted insights that enhanced inventory management strategies, reducing stockouts by 15% during peak sales periods.

- **People for Animals Durg-Bhilai unit 2** *2020-22*

  Social Media Head & Design Intern Durg, Chhattisgarh
  - Managed all social media platforms, including YouTube, LinkedIn, Instagram, and Facebook, for PFA Durg Bhilai, collaborating with creative teams, field volunteers, and medical teams.
  - Designed and implemented an automated Google Form and Sheets system for reporting, registering, and managing cases.

TECHNICAL SKILLS

- **Data Tools**: SQL, Python, Tableau, SAS, MS Excel, SQLite
- **Programming Languages**: Python, SQL
- **Data Visualization**: Tableau, Power BI
- **Data Analytics**: Statistical analysis, machine learning, predictive modeling

ACHIEVEMENTS & CERTIFICATIONS

- **Data Analytics using Python**, freecodecamp.org *2024*
  - Data Analytics using Python, freecodecamp.org, 2024Completed 300 hours of hands-on work, mastering data analytics using Python, Numpy, Pandas, and visualization tools to gain in-depth knowledge.

- **Product Matters, E-cell, IITG**, Bootcamp *2022*
  - Experienced various phases of a product's lifecycle and acquired a deep understanding of operational dynamics at each stage.

- **Hero Campus Challenge S-4, HERO MOTOCORP**, Winner *2018*
  - Secured 1st position in a nationwide competition across India's premier engineering colleges, gaining recognition on CNBC.

POSITIONS OF RESPONSIBILITY

- **PM Associate Head**, Saathi, IITG. *2022*
  - Facilitated effective mentor-mentee communication with responsibility as part of the Saathi PM program and ensured seamless program operations.

- **Core Member**, NSS, IITG. *2022*
  - Coordinated, collaborated and documented NSS events and visits, while maintaining vibrant social media profiles through collaborative efforts.

- **Core Committee**, OJAS'18, BIT Durg *2018*
  - Generated leads for events and creative activities, and managed sponsors and their promotional efforts for OJAS'18, the annual Techno-Cultural fest of BIT Durg.