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Experience



Data Scientist

McKinsey & Company

Jul 2022 - Present (1 year 6 months)

- Leveraged generative AI to increase developer productivity and improve development experience for a multi-national software giant
- Conducted EDA of a major fast moving consumer goods client's distribution centers to understand productivity, capacity variability and to identify waste



Supply Chain Analyst

Tata Steel

Jun 2021 - Jul 2021 (2 months)

- Optimized 28k+ maintenance spare parts inventory levels by analyzing demand and purchase orders data from the past 5 years
- Proposed 5 strategies resulting in ₹360 million inventory value reduction from high-value catalog which is arrived by conducting FSN analysis
- Identified tail spend and projected 9% savings by recommending new contracts using vendor-spend data



Placement Manager

Placement Office, IIT Bombay

Mar 2020 - Apr 2021 (1 year 2 months)

Led a 3-tier team of 250+ students; entrusted with placements and internships of 3600+ students

- Revamped entire placement portal to save 900+ working hours; focusing on first-ever online placements
- Achieved 75%+ YoY increase in participation by pioneering sector-specific mock assessments for preparation
- Saved 250+ working hours by developing resume verification platform along with Technical Council
- Increased contacting process efficiency by 80% using scoreboards, thereby 11% growth in company participation
- Introduced Interview Scheduler & Tracking System ensuring virtual recruitment compatibility in COVID-19



Summer Intern

Deloitte

Jul 2020 - Aug 2020 (2 months)

- Engineered a cognitive enterprise search application enhanced by semantic similarity
- Achieved search time within 3 milliseconds and scalability through Elasticsearch framework and API



Artificial Intelligence Researcher

Unmesh Mashruwala Innovation Cell

Jun 2019 - Jan 2020 (8 months)

Managerial:

- Spearheaded a team of 20; working on the development of Autonomous Unmanned Surveillance Drone
- Raised ₹0.8 million by directing the pitch of budget proposal to the technical committee of IIT Bombay
- Trained 8 freshmen on Machine Learning basics by building in-house material; ensuring transfer of knowledge

Technical:

- Devised a novel method to detect character from the drone at 50m resulting in 65% less computational resource
- Developed a model to control UAV in noisy environment closing the gap between simulation and reality

Education



Indian Institute of Technology, Bombay

B.Tech + M.Tech, Aerospace, Aeronautical and Astronautical/Space Engineering

2017 - 2022

Skills

Deep Learning • Reinforcement Learning • Elastic Stack (ELK) • Microsoft Excel • Machine Learning
• Artificial Intelligence (AI) • Amazon Web Services (AWS) • Generative AI • Microsoft Azure • Data Analysis