

Praful Patil

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EDUCATION EXPERIENCE

- The University of Texas at Dallas** Jan 2023 - Dec 2024
Master of Science in Business Analytics
- Ramaiah Institute of Technology, Visvesvaraya Technological University Bengaluru, India** Jun 2022 - Aug 2022
Bachelor of Engineering in Industrial Engineering and Management
4.0 GPA

SKILLS

- MS Excel, Python, R, SQL, Tableau, PowerBI
- Supply Chain Strategy, Project Management
- Communication, People management, Creativity, Time Management, Handling Finances, Ownership of tasks, Handling Finances

PROFESSIONAL EXPERIENCE

Shri Balaji Sugars & Chemicals Private Limited Jul 2020 - Dec 2022
Operations Analyst

- Improved process flow in packing section, resulting in 35% increase in revenue
- Monitored key performance indicators and presented regular reports to management
- Developed and maintained inventory management systems to minimize waste and reduce cost

Molex India Pvt. Ltd. Aug 2021 - Oct 2021
Project Intern

- Optimized production process by reducing changeover time by 80% through implementation of SMED at crimping section
- Proposed the implementation of utilizing the already existing screens on machinery to record the reasons for downtime, thus presenting a novel solution to the problem
- Successfully optimized the workforce by a decrease of 4 personnel through identification and removal of unproductive tasks

Mahindra Electric Mobility Limited May 2022 - Jul 2022
Project Intern

- Boosted Jobs per Hour of Electric Vehicles from 4 to 6 through Line Balancing process
- Achieved a 10% improvement in efficiency by effectively reducing Non-Value-Added activities and operator idle time
- Developed a precedence plan for packing, unpacking, and assembly of complete knockdown vehicles using Six Sigma methodology

ACADEMIC PROJECT

- Automated Classroom Attendance System Using Existing classroom cameras

RESEARCH

- Developed a systematic forecasting model for sugar quantities using PSO algorithm, with publication in IJCSEITR
- An Innovative Concept of Mirror Satellite to use Solar Energy efficiently (Co-author of paper published in IAC 2020 (IAC-20,C3,2,9,x59302))

CERTIFICATIONS

- Best Achiever Award:** For a phenomenal display of brilliance in academics, versatility, and leadership in co-curricular and extra-curricular pursuits, while selflessly serving the community
- Organized Blood Donation Drives** at M S Ramaiah Institute of Technology for Bangalore Blood Bank And Diagnostic Laboratory
- Collaborative Business Innovator (Dassault Systemes):** Learned how to collaborate and innovate effectively using the 3D EXPERIENCE Platform

ADDITIONAL INFORMATION

Languages: English, Kannada, Hindi

Eligibility: VISA, Eligible to work in the US for internships and full time for up to 48 months starting from Jan 2024