Sandeep Ramaswami

+1-3467860782 | sandeep.ramaswami@tamu.edu | https://www.linkedin.com/in/sandeep-mba/ | ACHE , NBMBAA member

EDUCATION

Texas A&M University, Mays Business School   College Station, Texas
Master of Business Administration   Graduation: Jan 2025
"Recipient of Full-Time MBA Scholarship"

Anna University   Chennai, India
Bachelor of Technology in Information Technology (Computer Science)   March 2021

EXPERIENCE

University of Texas Medical Branch
Analytics Intern   June 2024 – August 2024

- Accomplished optimization of budget allocations and resource management, measured by comprehensive financial analysis of various business expenses, evaluating their returns and ensuring effective financial stewardship
- Facilitated almost a 50% increase in data-driven decision-making for the C-suite, measured by the development and maintenance of dynamic, interactive dashboards using Power BI to provide real-time insights
- Identified over 10 key performance indicators (KPIs) and benchmarks to assess financial health and operational efficiency, measured by clear and actionable presentation of findings, aiding in informed decision-making.
- Enhanced financial reporting accuracy by 15% through cross-functional collaboration and data validation, while supporting strategic planning with financial analysis and forecasting, contributing to a 10% improvement in achieving organizational goals.

Tata Technologies Ltd.
L2 Software Engineer   July 2022 – June 2023

- Developed comprehensive go-to-market strategy for the launch of Nexon EV, including revenue estimation, market positioning, and customer segmentation, resulting in successful market penetration and increased sales traction by almost a 15%
- Helped Implement a real-time inventory tracking system and reduced inventory holding cost by 3% through improved visibility and control over stock levels, minimizing excess inventory and stockouts
- Designed and implemented an automated order processing system, reducing order processing time by 6% and enabling faster response to customer demands, thus improving overall supply chain agility
- Integrated predictive maintenance algorithms into existing machinery monitoring systems, resulting in a 4% reduction in unplanned downtime by detecting and addressing equipment issues proactively, optimizing production schedules, and minimizing disruptions in the supply chain

Tata Technologies Ltd.
Software Engineer   July 2021 – June 2022

- Lead the development of innovative user experience software for Tata Motors and Jaguar Land Rover, leading to an 8% sales increase, equating to a $2.5 million revenue boost and satisfaction ratings rising 11 points
- Accomplished the creation of customized websites tailored to client business requirements at Tata Technologies, resulting in a 25% increase in client satisfaction, by integrating various applications and optimizing user experience.
- Achieved a 68% reduction in server-related disruptions, ensuring seamless user experiences, resulting in a 22% increase in client retention, optimization led to annual cost savings of $150,000
- Enhanced project by automating database query retrieval through creation of over ten backend API frameworks with Spring Boot, resulting in 10% efficiency increase and shortened development timelines by 30%
- Optimized over 2,000 lines of code, resulting in a 5% cost reduction and a 25% faster time-to-market for new features. This efficiency enhancement equated to significant cost savings and accelerated product launches

Tata Technologies Ltd.
Graduate Engineer Trainee   April 2021 – June 2021

- Showcased leadership by guiding a four-member team to deliver a compelling sales pitch, increasing task efficiency by 17% and improving the team's collective presentation skills by 10%, resulting in high satisfaction ratings during the training period and ensured timely project completion.

Family Tree Organics
Managing Director   August 2019 – May 2021

- Led the expansion of my family's agriculture business by overseeing crop planning, supply chain, and market distribution, achieving a 20% revenue increase while building strong relationships with vendors and buyers, growing the customer base by 30%.
- Introduced sustainable farming practices and modern irrigation techniques, reducing water usage by 15%, while optimizing labour schedules and processes, boosting productivity by 25% and enhancing operational efficiency.

SKILLS, ACTIVITIES & INTERESTS

Technical Skills: Supply Chain Management, Product Management, UI and UX design, Project Management, Financial Modelling, Accounting, Skilled in programming languages like SQL, HTML, CSS, C, C++, Python and Java, Full stack web development
Tools: SQL Server Management, Power BI, Tableau, Azure Studio, SharePoint, Prometheus, MySQL, Oracle, Pandora, Tsign, Crystal ball, JMP, Adobe Suite, Microsoft Office, React JS and Angular JS, Spring-boot, Visual studio code, Photoshop, Final Cut