Likhitha Srinivas

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EDUCATION

North Carolina State University   **Raleigh, NC**
Master of Engineering Management, Analytics   *Aug 2023 - Dec 2025*
Coursework: Data Engineering, Project Management, Venture Opportunity Analytics, Machine Learning for Engineering Analytics

Visvesvaraya Technological University   **Mysore, India**
Bachelor of Engineering, Computer Science   *Aug 2017 - Aug 2021*

EXPERIENCE

Teen Health Research   **Raleigh, NC**
Business & Operations Analyst   *Jan 2024 – May 2024*

- Led competitive analysis of customer segmentation to solidify business strategy, resulted in acquisition of 4+ funding sources
- Created Tableau dashboards for real-time operations monitoring, to automate reports on user acquisition, retention and conversion KPIs to enhance decision-making
- Forecasted 25% revenue increase with supply chain monetization strategies using market segmentation and predictive price models
- Built Python based reporting tools to streamline cross-functional collaboration and enable faster response to operation metrics

Tata Consultancy Services   **Pune, India**
Assistant Systems Engineer   *Aug 2021 – Jun 2023*

- Developed and maintained MES functionalities to enable real-time shop-floor visibility, improving production planning and reducing downtime related losses by 15%
- Generated $80K in annual savings through improved material usage and supplier coordination, by optimizing Bill of Materials (BOM) and enhanced procurement workflows
- Integrated MES with quality tracking systems to support vendor performance monitoring and enable traceability of non-conforming parts across production line
- Managed deployment risk registers and led system validation, reduced deployment-related system failures by 40% and ensured operational continuity
- Authored detailed Standard Operating Procedures (SOPs) for MES interaction on SharePoint, supporting consistent production practices and global team alignment

PROJECTS

Consultant Routing Optimization Solution for Energy Education, Inc. | Supply Chain Optimization & Operations Research

- Applied Mixed-Integer Linear Programming to optimize consultant routing and scheduling, reduced travel-related costs by 36%
- Achieved additional 45% cost reduction through optimized consultant allocation, by designing what-if relocation models to support logistics scenario planning
- Led workforce analytics to align consultant skill sets with regional demand forecasts, reducing training and mobilization costs by 17.2% and improving resource utilization

Product Operations for ExcelSoft Technologies | Supply chain Project Management

- Managed project schedules and stakeholder alignment for a product rollout, utilized agile methodology to reduce delivery delays by 20% and ensure on-time feature deployment
- Applied Earned Value Management to track budget, resource utilization and maintain variance under 2%; supported supply chain readiness by minimizing time-to-launch for the e-learning platform

LEADERSHIP

Social Innovation Fellow | NC State Innovation & Entrepreneurship

- Recipient of fellowship for initiating an entrepreneurial project focused on sustainable impact, developing community-driven solutions for clean water access and public health in the El Salvador region

Global MES Application Liaison - Brazil region | Tata Consultancy Services

- Aligned regional production workflows with enterprise standards and drove adoption across cross functional teams for the rollouts
- Awarded Special Initiative Award for leading digital transformation projects, achieving 20% improvement in process efficiency

SKILLS

Languages: Python, R, SQL, C++, VBA
Tools & Systems: SAP, Oracle SCM, DELMIA Apriso MES, NetSuite, Tableau, Power BI, MS Excel, MS Project, WMS, TMS
Functional Skills: Demand Forecasting, Inventory Management, Procurement, Vendor Management, Order Fulfillment, Supply Planning, S&OP, Lean Operations, Sustainability Strategy
Technical Skills: Data Analysis, KPI Monitoring, Scenario Modeling, Statistical Modeling, MILP, Optimization Algorithms, Data Visualization, ERP Integration, Workflow Automation
Certifications: Certified Associate in Project Management (CAPM), Advanced UX Design, Google Data Analytics, GCP