LIKHITHA SRINIVAS

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EDUCATION

North Carolina State University, Raleigh, NC **December 2025 (Expected)**
Master of Engineering Management (Concentration in Analytics) | GPA: 3.0/4.0
Coursework: Data Engineering, Warehousing & Management, Experimental Statistics, Machine Learning for Engineering Analytics, Managing Hi-Tech Product Launches, Operations Research, Project Management, Venture Opportunity Analytics

Visvesvaraya Technological University, Mysore, India **August 2021**
Bachelor of Engineering (Computer Science & Engineering) | GPA: 3.6/4.0

SKILLS

Languages and Tools: Python, C++, R, MySQL, VBA, MS Excel (Advanced), MS Project
Analysis and Visualization: SAS, SPSS, SAP, A/B Testing, Statistical Analysis, Looker, MS Power BI, Tableau

EXPERIENCE

Student Consultant **| Teen Health Research**, Raleigh, NC **January 2024 – May 2024**
- Performed statistical analysis on project data to identify and monitor **key performance indicators** (**KPIs**), formulating **market entry strategie**s for the app identifying 30% untapped potential in the parent tech segment
- Created and managed **Tableau dashboards** to track revenue-related metrics, including user acquisition, retention rates, and engagement, while **automating report generation** with **Python** to streamline **collaboration with multiple stakeholders**
- Developed a **business plan** incorporating tiered pricing models based on customer data and industry trends, utilizing **predictive analytics** to forecast a 25% revenue increase and optimize monetization strategies

Assistant Systems Engineer **| Tata Consultancy Services (TCS)**, Pune, India **August 2021 – June 2023**
- Led manufacturing operations for the Next Generation Manufacturing Execution System (NGMES) project, **optimizing BOM processes** to enhance material usage and procurement workflows, resulting in $80,000 in annual savings
- Managed the **risk register** during deployments, implementing **risk mitigation strategies** to address system vulnerabilities and optimize deployment procedures, resulting in a 40% **reduction in downtime** incidents
- Performed **root cause analysis** on software issues within DELMIA Apriso MES, identifying trends and implementing corrective actions that enhanced system reliability by 35%
- Authored **technical documentation** and data reports for assembly line **Standard Operating Procedures (SOPs)** on SharePoint

Technical Project Management Intern **| Excelsoft Technologies**, Mysore, India **August 2020 – December 2020**
- Led the end-to-end **New Product Introduction (NPI)** process for a suite of e-learning solutions, applying **Agile principles** to amplify response time to project changes, ensuring timely adjustments and reducing time-to-market
- Managed **stakeholder communication** and project timelines for multiple product launches, creating detailed **project schedules** on **MS Project**, which improved team alignment and minimized delays by 20%
- Applied **Earned Value Management** to sustain budget control within a 2% variance, successfully adhering to the allocated $1M budget while improving project delivery quality through **continuous monitoring** and risk mitigation strategies

PROJECTS

Supply Chain Optimization & Operations **Research | Consultant Routing Optimization Solution for Energy Education, Inc.**
- Utilized data analysis to optimize consultant routing via **MILP**, reducing travel costs by 36% and improving scheduling efficiency
- Drove **scenario modeling** to analyze relocation strategies, cutting travel costs by 45% through data-driven assignment
- Led **workforce analytics** to design a training program aligning skills with demand, reducing costs by 17.2% and minimizing travel

Data Engineering & Machine Learning **| Early-stage Cancer Prediction for Cancer Research Program**
- Developed and refined **Random Forest model**, achieving 98% accuracy and reducing prediction time by 40% for faster diagnostics
- Streamlined data reliability with a **Python-based preprocessing pipeline**, increasing data accuracy by 15% in prediction analysis
- Increased prediction efficiency by 40% through **automated data cleaning and feature engineering**, reducing workflow by 2 hours

AWARDS

- Awarded the Special Initiative Award for proposing and implementing **lean projects** that resulted in a 20% reduction in process inefficiencies and a 15% improvement in project delivery timelines within the Digital Engineering sector for the NGMES project