

Vinisha Maramraju

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EDUCATION

- North Carolina State University, Raleigh, NC** || Masters in Engineering Management *Expected Dec 2024*
Courses: Project Management, Product Life Cycle Management, Operations Research, Engineering Economics, Experimental Statistics, Database Applications
- International Institute of Information Technology, Bangalore, India** || Post Grad in Data Science **Jun 2024**
Courses: Business Analytics, Data Toolkit, Machine Learning
- Jawaharlal Nehru Technological University, Hyderabad, India** || Bachelors in Electrical Engineering **Jul 2021**
Courses: Fundamentals of Management, Business Economics and Financial Analysis, OOPs

SKILLS

Technical: Python, R, C#, SQL (MySQL, SQL Server, Oracle), HTML/CSS, JavaScript, LaTeX, LINDO

Tools: Power BI, Tableau, Jira, Visio, Slack, G Suite, Adobe Suite, Microsoft Suite

Certifications: Agile, Scrum, Data Processing Specialist, Certified Business Analyst

WORK EXPERIENCE

- Duke Energy, Project Manager Intern, Charlotte, NC (Internship)** **May 2024 - Aug 2024**
- Collaborated with the Transmission Project Manager to plan and execute **8+** project phases for projects worth over **\$5M** & optimized resource allocation and cost forecasting using P6 and Maximo, ensuring successful project delivery.
 - Designed a Power BI report for **3** clusters, consolidating over **9,000** rows of data into a user-friendly interface. Implemented detailed project listings, filters, and visualizations. Performed **5-year** historical data analysis (**2019-2023**) to assess budget forecasting accuracy, delivering actionable insights for strategic decision-making and future planning.
- Tata Consultancy Services, Assistant Systems Engineer, Hyderabad, India (Full-time)** **Aug 2021 - Nov 2022**
- Collaborated with clients and stakeholders to refine **200+** business requirements into precise user stories, use cases, and functional specifications, enhancing development team efficiency and driving project success.
 - Fostered seamless collaboration between business and technical teams, driving process improvements which resulted in **20%** improved project planning accuracy and risk mitigation.
- Healthcare Services Inc., Analyst, New Mexico, USA (Contract)** **Nov 2019 - Apr 2020**
- Conducted market research and competitive analysis including a survey of **100** healthcare professionals and **250** patients, acquiring insights that informed strategic decisions and highlighted industry trends.
 - Identified growth opportunities through data aggregation, advanced modeling, and evaluation, resulting in a **30%** revenue increase and a **25%** reduction in operational costs.
- Air Control Engineers, Jr Project Manager, Hyderabad, India (Contract)** **Jul 2018 - Apr 2019**
- Employed agile methodologies to foster project understanding and vision by actively engaging in position and messaging strategies with a diverse cross-functional team of **13** stakeholders resulting in successful project alignment.
 - Enabled timely project completion by contributing to the development and maintenance of project plans, schedules, and supported process improvement initiatives, resulting in a **15%** increase in efficiency and effectiveness for streamlined operations.

PROJECTS

TOSHIBA Elera Marketplace

Analyzed **20+** software marketplaces to define **15+** essential capabilities for Toshiba's ELERA Marketplace. Benchmarked **10** competitors, assessed pricing models, and created a Power BI dashboard to visualize key ecosystem elements. Recommended a strategic model and growth plan, projected to boost market engagement and revenue by **18%**.

Control-Networks Wireless Network Implementation

Implemented a transformative wireless network deployment at Rain Forest Paradise, Costa Rica, elevating staff efficiency by **23%** and catapulting guest satisfaction by **53%**. Within **6** months, enabled seamless Internet access for **250+** concurrent users. Managed a **\$45,500** budget efficiently.

BFSI Credit Risk Analytics

Reduced credit risk by **20%** among customers through strategic initiatives, mitigating acquisition risk to assess credit risk factors continuously. Employed Logistic Regression to build a predictive model identifying customers at default risk. Identified **10** key performance indicators/metrics (**KPIs**) for operational improvement.