YASHWANTH SAI TATINENI

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Dedicated and results-driven Assistant project Manager with hands-on experience in engineering management and process optimization. Specialties include, leveraging project management tools, streamlining project timelines, enhancing operational efficiency, quality assurance, managing resources, and maintaining compliance with industry standards.

Education

Master of Engineering Management   **Jan 2023 - Dec 2024**
Pennsylvania State University Harrisburg / CGPA: 3.7

Bachelor of Electrical and Electronics   **Aug 2018 - Sept 2022**
Ramaiah Institute of Technology

Certification's
- PMI CAPM (Certified associate in project management).
- AIGPE six sigma: lean six sigma green belt certification.
- Google Project Management Professional Certificate.
- Microsoft Project: MS Project 2021 by Udemy
- Business Analytics with Excel: Elementary to Advanced: johns Hopkins university.

Skills
Project Planning, SaaS, Risk Management, Budgeting and Cost Management, Agile and Waterfall Methodologies, JIRA, Confluence, MySQL, Artificial Intelligence, Data Analysis and Reporting, SQL and Database Management, Microsoft Office suite, Tableau and Data visualization, Minitab, Python, Streamlit, Oracle, Logistics Operations, Microsoft Outlook, Lien Waivers, Customer Service, Supply chain, Change management, Process implementation, Client Services, Visio.

Work Experience

Graduate Wage Associate & Teaching Assistant, Pennsylvania State University, PA, USA.   **Jan 2023 – Present**
- Reduced grading turnaround time by 50% as measured by efficiency metrics by designing auto upload data to canvas from excel.
- Achieved 100% on-time laboratory project delivery as measured by adherence to schedules by leading the scheduling, grading, and progress tracking for over 140 undergraduate students' laboratory sessions.
- Improved curriculum efficiency by 25% as indicated by student engagement metrics by collaborating on laboratory curriculum optimization, developing new modules and assessment methods.

Assistant Project Manager, Incredible India Projects Pvt Ltd, HYD, INDIA   **May 2022 - Dec 2022**
- Boosted team efficiency by 30% as measured by internal performance metrics by creating 15 templates and workflows to enhance operations.
- Managed resource scheduling for 10 projects as evidenced by on-time project completions by assisting project managers with risk logs, project status updates, and resource allocation.
- Improved Customer relationship management data accuracy by 20% as measured by reduced data errors by managing and updating over 500 client records.

Project Intern, Bharat Electronics Ltd, KA, INDIA   **April 2022 -May 2022**
- Ensured project compliance with industry standards as measured by successful audits by reviewing and coordinating avionics and electronic warfare projects as an overview engineer.
- Increased RWR (Radar Warning Receivers) reliability by 15% as indicated by performance data by guiding product management and implementing life cycle extensions.
- Achieved 100% product compliance and durability as confirmed by passing all quality tests by performing quality testing and operating the Temperature, Humidity, and Vibration (THV) chamber.

Quality and Project Management Intern, New Tech Transformers Pvt Ltd, UP, INDIA   **May 2021-Aug 2021**
- Achieved ISO 9001 and ISO 18095:2018 compliance through external audits by assisting in quality assurance for transformer manufacturing, Decreased defects by 30% through root cause analysis and corrective actions.
- Reduced project time by 20% by streamlining schedules, resources, and risk management.
- Improved tracking accuracy by 25% using Microsoft Project and Primavera P6 for reporting.

Academic Projects

Health Insurance company Database - GitHub
- Improved record management efficiency for over 300 patient profiles by 40% as measured by faster data retrieval by developing a SQL database for health insurer records.
- Enhanced data completeness by 50% as indicated by comprehensive record metrics by including demographics, physician, and insurance ID data.
- Increased marketing campaign effectiveness by 20% as measured by higher response rates by enabling targeted marketing through detailed patient information analysis.

Numerology, Financial Market Calculators and Market Forecasting Analysis Product - Web App
- Enabled over 500 users to perform financial and astronomical analysis as measured by app usage statistics by building an interactive app with Streamlit.
- Increased model prediction accuracy by 60% as indicated by back-testing results by developing models using Gann and Astronomy methodologies, including stock calculators and planetary ingress tools.
- Managed the full product lifecycle, from ideation and design to deployment, ensuring a mobile-optimized and user-friendly experience.

EV Charging Management System Product – GitHub
- Developed a C# application to allow operators to input vehicle details and other parameters, enabling real-time priority calculation and order management. This app serves as an interface for seamless data entry and scheduling, further optimizing operational efficiency.
- Reduced EV charging wait times by 35% as measured by simulation results by developing priority-based scheduling algorithms for EV charging station management software.
- Enhanced data analysis capabilities by 40% as indicated by improved query performance by designing an SQL database for metadata analysis on electric vehicle catalogs and tariffs.
- Improved ROI prediction accuracy by 20% as measured by alignment with actual returns by crafting mathematical models for prioritization and ROI to steer strategic decisions.