Sindhuri Bonam

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SUMMARY

- A data professional with around 8 years of experience in analysing business processes, identifying opportunities for improvement, and driving successful outcomes in Information Technology, Supply chain and Manufacturing, Semiconductor domains.
- Advanced knowledge of industry standard SDLC methodologies, including Agile/Scrum/Sprint and Waterfall, with a focus on delivering high-quality solutions on time and within budget.
- Strong expertise in requirements gathering and translating business process requirements into functional specifications, ensuring alignment between business objectives and technical solutions.
- Report project status updates to PMO to help senior leadership understand current state, next steps, and project timelines.
- Experience in preparing Business Requirement Documents (BRD), System Requirement Specifications (SRS) and Functional Requirement Documents (FRD).
- Excellent knowledge of project life cycle, project management processes, principals, knowledge areas, along with hand-on expertise on various project management tools like Microsoft project, Microsoft Excel, Microsoft Office Suite, Microsoft SharePoint, Microsoft Visio, Confluence.
- Good knowledge of maintaining and managing Tableau and Power BI-driven reports and dashboards.
- Extensive knowledge of programming languages such as Python, R, Oracle, and Microsoft SQL Server.
- Experience in conducting in-depth business analysis, process mapping, GAP analysis, Impact analysis, SWOT analysis, Risk analysis and Cost/Benefit analysis to identify areas for optimization and efficiency enhancement.
- Experience in creating and managing Requirement Traceability Matrix (RTM) to track and manage changes based on project's evolving needs.
- Expertise in creating UML diagrams like Activity diagram, Data flow diagram, and Wireframe prototyping using MS Visio and Figma.
- Proven ability to develop Use case scenarios to enable the design and development of applications using tools like Jira, Trello.
- Possess Excellent written and verbal communication skills along with exceptional soft skills like Problem-solving, Time management, Effective communication, and Interpersonal skills.

SKILLS

Methodologies:	Software Development Life Cycle (SDLC), Agile, Waterfall, CI/CD
Project Management Tools:	Jira, Confluence, MS Project, MS Visio, JAD, Asana, RACI Matrix, Salesforce CRM, Smartsheet
Visualization Tools:	Tableau, Power BI
Programming Languages:	Python, R, SQL, SAS
Other Tools:	Git, MS Excel, MS Office Suite (Word, PowerPoint, Excel, Outlook)
Soft Skills:	Team Management, Communication, Critical Thinking, Risk Management, Strategic planning, Leadership, Cost Management, Quality Management, Scheduling, Account Management, Brainstorming
Operating Systems:	Windows, Linux

EXPERIENCE

Oncor Electric Delivery, TX, United States | Aug 2023 - Current | Business Analyst

- Facilitated Joint Application Development sessions with executive level Business Stakeholders, Project Directors, SMEs, and Development teams for clarifying requirements and facilitating better communication.
- Collaborated with cross-functional teams to define and document business processes, workflows, and system requirements (BRD and SRS), ensuring accurate and efficient project implementation.
- Used Jira to manage user stories, bugs, tasks, epics, and features and conducted backlog prioritization sessions for sprint planning to develop items according to business demands. And utilized confluence to document project poster, timelines, approvals, project phases, plan-Design, knowledge articles, sprint retrospectives and informational documents.
- Utilized Adobe Analytics tool to design and develop interactive dashboards for multiple Oncor portals, enabling real-time tracking and analysis of portal visits, outages, new claim requests, complaints, and other key performance indicators (KPIs).
- Employed Figma and Adobe XD tools to produce detailed UX wireframes that closely aligned with stakeholder requirements, ensuring a user centric design approach, and enhancing the overall user experience.
- Helped in the identification, documentation, and prioritization of defects or issues discovered during testing and collaborated with developers and testers to ensure that defects are resolved in alignment with business priorities.

Skyworks Solutions, MA, United States | May 2022 - May 2023 | Business Systems Analyst

- Conducted comprehensive business processes analysis, systems analysis, and data analysis to identify areas for improvement and proposed innovative solutions and implemented process improvement initiatives across the globally spread manufacturing units helping to reduce the cycle time by 30%
- Synthesized current business intelligence data to produce reports and polished presentations, highlighting the findings and recommending changes and enhancements and showcased to the high-level executives and decision makers.
- Developed scripts and monitored key metrics of the organization and performed in-depth analysis by leveraging SQL, VBA, and Power BI skills.
- Developed informative, actionable, and intelligent Power BI dashboards on desktop and published on to the service and setup incremental refresh and auto refresh on the manufacturing shop floor data, for PMs to have a look at the status of production in fab during daily scrum meeting.
- Demonstrated proficiency in ensuring quality assurance by conducting thorough User Acceptance Testing (UAT) on various project deliverables, validating their functionality and usability prior to implementation.
- Performed and delivered various ad-hoc business requests related to business process improvement, enhancement, and automation.

ARM Embedded Systems, Bangalore, India | Nov 2018 - Aug 2021 | Senior Design Engineer

- Served as the central point of communications with project managers and technical leads, for planning and estimating the projects scope, by performing various elicitation techniques in gathering stakeholder's requirements and translating the same to the engineering team.
- Led a cross-functional team of engineers and business stakeholders to develop and implement a scalable and robust optimization solution for a QA platform, resulting in improved client satisfaction and a 10% increase in revenue.
- Leveraged Python, MS Excel, and Tableau to analyse project data and developed multiple end-to-end automation tools from scratch to improve 200% TAT and improve the existing process as a whole and the quality of the project deliverables.
- Create and drive efficiencies on new business process workflows through collaboration across organization including Business Development, Sales, IT, Engineering, and other functional teams.
- Triage defects during the SQA & UAT testing phases and coordinate with appropriate teams for resolution, lead discussions with project and business teams to document issue and identify solution and appropriate acceptance criteria.
- Lead Go-Live related activities including Implementation, Plan creation, creation of Request for Change (RFC), post Go Live stabilization, and Hypercare stabilization.

SYNOPSYS PVT LTD, Hyderabad, India | June 2014 - Nov 2018 | Corporate Applications Engineer-II

- Led and contributed to multiple projects for different global clients in automating quality testing flows to enhance functionalities, remove defects and manual errors.
- Involved in the creation of the test plan, which outlines the scope, objectives, and approach of the testing phase and completed business-centric testing activities, such as system testing, integration testing, participated in code review, documented solution delivery, and coordinated the project deployment.
- Analysed the key performance indicators for the projects and contributed to the enhancement of APIs, helping to improve the productivity by 40-60%.
- Developed comprehensive project plans, including scope definition, timelines, resource allocation, and risk mitigation strategies, ensuring successful project execution both in waterfall and agile methodologies.
- Created flow diagrams, use case diagrams, UML diagrams, Activity, Swimlane, state and sequence diagrams to understand the business process.
- Utilized Perforce and Git for version control and efficient code management, enabling seamless integration with the project's codebase and fostering effective teamwork.

EDUCATION

The University of Texas at Dallas, Richardson, TX, USA.
Master's Information Technology and Management with Minor in Business Intelligence, GPA: 3.96/4.0
Dean's Excellence Scholar, Teaching Assistant, MARS Scholarship holder

The International Institute of Information Technology, Hyderabad, India.
Bachelor of Technology, Electronics and Communications Engineering, GPA: 7.9/10.0
Teaching Assistant, Placements committee member, Merit Scholarship holder

PROJECTS

Customer Churn Analysis - Data Analysis - Excel, Power BI
- Performed exploratory data analysis on customer churn based on 21 features for a Telecommunication Company.
- Utilized calculated fields, parameters, table calculations, M & DAX functions to analyze and design intelligent and comprehensive dashboards.

Video Games Analysis – Data Visualization - Tableau
- Analyzed over 16500 Global Video Games Sales to infer outcomes based on sales by region, platform, and genre.
- Built an interactive Sales Dashboard to add score cards, slicers, different types of graphs and filters and inferred insights for better targeting.

Heart Disease Prediction – Healthcare Analytics – Python
- Built a Heart Disease Prediction system using Machine Learning with Python. Used NumPy, Pandas, and scikit packages to create various regression models and report the accurate predictor model.
- Evaluated the trained models using various metrics to conclude on Logistic regression model as best predictor with an F1 score of 0.85.

CERTIFICATIONS

- Google Data Analytics Certified, Google.
- Google Project Management Certified, Google
- Agile Project Management with Jira, LinkedIn Learning
- MS Excel and Statistics Basic, Intermediate & Advanced Certified, LinkedIn Learning
- Technical Product Management and Scrum Basics, LinkedIn Learning.

LEADERSHIP EXP & ACHIEVEMENTS

- Awarded SKYSTAR award for the impactful work done during internship at Skyworks.
- Student Ambassador at ITM Student Leadership Council, University of Texas at Dallas.
- Awarded BRAVO award, for exceptional contribution in a technical project at ARM.
- Finalists of the QUALITY award, given to the exceptional work across the ARM globally.