Sindhuri Bonam

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Business Analytics| Project Management| Python| SQL| Machine Learning| Programming & Automation| Visualization| MS Excel

EDUCATION

The University of Texas at Dallas — Aug 2021 – May 2023
Master of Science, Information Technology & Management — GPA: 3.9
MARS Scholarship. Teaching Assistantship

International Institute of Information Technology - Hyderabad, India — Aug 2010 - May 2014
Bachelor of Technology, Electronics & Communication Engineering — GPA: 3.6

SKILLS

Languages	: SQL, Python, R, TCL, Shell scripting, Excel VBA, VBScript
Tools	: Tableau, Power BI, R Studio, Excel, EDA tools - Synopsys Custom Compiler, Cadence Virtuoso
Analytical Skills	: Data exploratory analysis, Data Extraction - Cleaning – Visualization
Personal Skills	: Ownership, Decision Making, Critical Thinking, Analytical Skills, Business Insights, Leadership, Communication
Certifications	: Google Data Analytics, SQL for Data Analytics, Project management, Scrum, Statistics, OOPS, Business Analytics

EXPERIENCE

Skyworks Solutions, Inc, Woburn, MA, United States — May 2022 – Present
Business Systems Analyst Intern – Automation, SQL, Excel VBA, Power BI
- Worked with cross functional teams and stakeholders to understand the client requirement end-to-end, and facilitate the data collection and performance measurement process.
- Envisioned & designed a portfolio of dashboards for various fabs to help Senior leadership to lead the portfolio of shipments and business needs across multiple fabs by highlighting the findings and recommending changes and enhancements.
- Developed Power BI dashboards to summarize and highlight the deployment behaviour, which helped reduce 20% of procurement errors and effectively optimize the inventory levels.

University of Texas at Dallas, Dallas, United States — Jan 2022 – May 2022
Teaching Assistant– System Analyst & Project Manager
- Worked with 2 different Professors and assisted 300 students from two different courses related to 'Systems analysis and project management' involving the concepts of UML, Use cases, object oriented, class diagrams and project management

ARM Embedded Systems, Bangalore, India — Nov 2018 - Aug 2021
Senior Design Engineer – Data Analyst, Automation Engineer, Project Manager
- Collaborated with cross domain stakeholders to define, build, iterate and deliver solutions for customer facing problems and within a Product Team to help manage all aspects of a product line.
- Performed data analysis and cataloging of PDK data extracts for understanding and interpreting business data.
- Leveraged Python, MS Excel, and Tableau to analyze simulation data and developed multiple automation tools from scratch to improve 200% TAT and improve the quality of the project deliverables.
- Proficient in designing, developing, troubleshooting, debugging, and automating the software programs on Linux platforms

SYNOPSYS PVT LTD, Hyderabad, India — June 2014 - Nov 2018
Corporate Applications Engineer-II – Software developer & Technology Analyst
- Lead and contributed to multiple projects for different global clients like Samsung, Intel, TSMC using Python and TCL languages. Automated quality testing flow to enhance functionalities, remove defects and manual errors.
- Analyzed the performance data of each function call in tool API and Contributed to the enhancement of APIs, helping to improve the productivity by 40-60%
- Evaluate project requirements, offerings and propose suggestions for improvement to senior management and clients.
- Awarded an early promotion for delivering a critical and complex project on time with limited resources and was recognized by the client as well as the team for working in multiple areas across the project.

ACADEMIC PROJECTS

Big Data and Machine Learning: Social media bullying recognition, analysis, and prevention
- Used result merging algorithms to connect the outcomes of distinct nodes and detect the tweet category as either bullying or not.
- Identify the user account and track the IP address behind the predicted bully or abusive tweet and alert the corresponding company.

Business Analytics with R: Telecom Customer Churn Prediction
- Performed advanced statistical analysis (univariate and multivariate analysis of variance, cluster and path analysis, principle component and factor analysis, analysis of covariance, survival & longitudinal analysis, logistic and linear regression modelling using R to find reasons for churn, presented the findings using tableau and provide recommendations to reduce the churn rate.

System Analysis and Project Management: Smart Business Travel Management System
- Designed a system to help organizations manage their employees travel thing, everything just one click away.
- Gathered requirements and developed project proposal, project charter, use case and UML diagrams to demonstrate the working of the system.

ACHIEVEMENTS

- 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.

Eligibility: Eligible to work in the U.S. for full time employment for up-to 36 months without sponsorship