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SUSHRI JENA

BUSINESS ANALYST | DATA ANALYST | RISK ANALYTICS |
CERTIFIED TABLEAU DESKTOP SPECIALIST

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PROFESSIONAL EXPERIENCE

Senior Business Analyst	Tata Consultancy Services Ltd	June 2018- Present

- Experience in Application Development, Wireframes Design, Requirement gathering, Business Analysis, Project designs, Testing and Quality Assurance, Agile methodology, Stake holder liaison.
- Driven an end-to-end cognitive control testing framework to **onboard 50+ controls** from GRC (Governance, risk and compliance) sources which reduced manual intervention by 80% and offers the opportunity for **continuous control monitoring**. The solution encompassed evidence validation, business rules codification, scheduled control executions with adhoc runs, analyzing control performance and developing strategic Management information reports. Accomplished the Star of the Quarter Award for the implementation.
- Designed various **web services** with python flask for **smart KRI (key risk indicator) monitoring solution**, that enabled user inputs for ratio definitions, metadata mapping, formulating expressions and dynamic indicators execution to be compared against defined thresholds and rendered executive briefings across different stakeholders.
- Developed an AI led approach for **data curation** on Incident management object for sensitive data identification and classification (using regex and **NLP** based models), integrity checks and cleansing. The automated solution had an **accuracy of 82%** with minimal errors and generated exception reports for further data validations.
- Solutionized a digitized integrated data management run engine as a comprehensive package for **BCBS 239** principles (Data integrity, accuracy, consistency, timeliness) on collateral management system that supports a dynamic 360 view on data quality monitoring, reporting with measurable KPI's and management information reports capability.
- Driven a cognitive automation framework to streamline, **automate threshold transaction report processing** and submit the results to meet Australian Transaction Reports and Analysis Centre (Austrac) obligations by the Financial Crime Risk team. Optimized the processing time by reducing the reconciled errors and **augmented efficiency by 86%** and minimizing manual labor.
- Focused 3+ years of experience as a **techno-functional business analyst** in various **digital initiatives** in the field of **Data Science** including Descriptive/Prescriptive analytics, Machine learning, Natural language processing and Data visualization across various Risk Data transformations involving **Risk Data Aggregation and Risk Reporting**.
- Working on developing assets, providing **pre-sales**, RFP/RFI and domain support across Bank's Risk (**Credit/Counterparty/Operational Risk**) and regulatory disclosures (BCBS 239, GDPR), data analytics and digital portfolio.

Business Analyst	Tata Consultancy Services Ltd	June 2017- May 2018

- Performed a high-level assessment of a data lineage tool for Risk data aggregation and reporting capability for a large UK bank, provided key recommendations for the tool improvement and a roadmap for implementation.
- Performed consulting study on tools for the e-discovery of Sensitive Personally identifiable information data attributes for General Data Protection Regulation (GDPR).
- Devised a scalable pilot solution on control recommendation model across various levels of risks and controls using content-based filtering with an efficiency of 74%.
- Designed an **early warning indicator solution** for near real time analysis of borrowers and collateral risks in commercial credit risk portfolio by monitoring credit quality at different levels that reduced the turnaround time by **92%.**
- Active involvement in **Logical Data Modeling**, **Database design**, validation checks, formulating wireframes and requirement reviews for various engagements.

Salesforce Developer/Administrator	Tata Consultancy Services Ltd	June 2012- Apr 2016

- Administered multi-geographical projects in a cloud computing technology-Salesforce across the domains like manufacturing, health care, telecom encompassing the agile methodology, thereby extending organization's strong partnership with various clients.
- Lead and managed several dependent teams including backend upstream and downstream database, service teams for UI integration, business owners, performance and automation testing team to develop end to end applications on a Salesforce CRM with extensive customization and configuration experience.
- Conducted training sessions across the organization every quarter and achieved Best CLP faculty award for the same.

EDUCATION

Degree	Year	Institute, University/ Board	% /CGPA
Master of Business Administration (Analytics & IT-Operations)	2017	Great Lakes Institute of Management, Chennai, India	3.48/4
Bachelor of Technology in Electronics and Communication	2012	Institute of Technical Education & Research, Bhubaneswar, India	9.22/10.00

LANGUAGES AND TECHNOLOGIES

- **Languages -** Python, R Programming, Java, SQL, HTML, CSS, Apex (Salesforce CRM), Visualforce Framework
- **Tools:** PostgreSQL, Tableau Desktop, Jupyter Notebook, Spyder, R Studio, IBM SPSS, PostgreSQL, MySQL, SQL developer data modeler, Jira, Confluence, Diffmerge, MS Office (excel, word, power point)
- **Libraries & Frameworks:** Pandas, NumPy, Scikit-learn, Matplotlib, Seaborn, NLTK, Stanford NER,psycopg2, SQLAlchemy ,Flask Framework, json, TensorFlow, Random forest, Extra tree classifiers, Linear/ Logistic Regression, Unsupervised/supervised learning, Clustering, Decision tree