Elamaran Jayabarathy

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Data Analyst/ Business Intelligence Engineer

Summary

Data Analyst and enthusiast pursuing a Master of Science degree in Business Analytics at UW. With a strong MBA and Engineering background, I am passionate about helping the success of the businesses. I have 5 years of work experience in the Business Intelligence Unit & Data Center of the Banking industry. Experience noting

patterns, interpreting data and generating useful reports. Effectively prepares and operates databases and the system structures. Strengthens processes and aligns plans with operational needs.

Certifications

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| --- | --- |
| Professional Society / Certification | Member Since / Date Certified |
| JAIIB Certified (Junior Associate of Indian Institute of Bankers) |  |
| Post Graduate Diploma in Branch Banking. |  |

Technical Skills

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| --- | --- |
| Skills and Technologies | |
| Languages | R, Python, Java |
| Tools | Tableau, Power BI, Azure ML,IBM WebSphere MQ |
| Project Management |  |
| Methodologies | Agile & Waterfall |
| Databases | SQL Server, PostgreSQL, MS Access, Oracle |
| Other Tools |  |

Education

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| --- | --- | --- | --- | --- |
| University / Institution | Degree | Field of Study | Grade | Year of Completion |
| Sri Manakula Vinayagar Engineering College, Puducherry, India | Bachelor  of Technology |  |  |  |
|  |  |  |  |  |

Professional Experience:

Project Name 1:

*Client: City Of Puyallup - Government, Puyallup, WA, USA June 2016 – Till Date*

*Role: Business Data Analyst-Internship*

Key Responsibilities:

* Develop a proof-of-concept data-driven predictive analytical tool that utilizes Machine Learning to identify key business sectors and key performance indicators (KPI) .
* Conduct univariate and multivariate analysis with the tax revenue and census 2020 data to gather the variables of greatest interest and related to growth sectors coming out of the pandemic.
* Creating the predictive solution utilizing R/Python utilizing Machine learning models such as regression, bayes or decision tree.
* Creation of a visualization data dashboard for the predictive and prescriptive analytics solutions using Tableau/Power BI.

Project Name 2:

*Client: Karur Vysya Bank, Karur, India May 2016 – May 2019*

*Role: Assistant Manager*

Key Responsibilities:

* Manage and operate the structured financial messaging platform (SFMS) for India's largest and critical payment systems (RTGS & NEFT).
* To query and analyze data to improve process efficiency of payment systems.
* Carried out system testing in the migration of Core Banking Software for payment module.
* Preparing test scenarios/test cases and testing of the production bug fixes and deploying in Production.
* Performing a Disaster Recovery Drill for the Bank's Payment Applications

Project Name 3:

*Client: Karur Vysya Bank, Karur, India Mar 2015 – April 2016*

*Role: Assistant Manager*

Key Responsibilities:

* Cash Operations: Managing cash Inflow and Outflow of the branch.
* Front Desk Operation: Attending customer queries related to banking channels.
* Inventory Management: Managing locker system and other assets of the branch.

Project Name 4:

*Client: HDFC Bank, Chennai, India May 2014 – Mar 2015*

*Role: Assistant Manager*

Key Responsibilities:

* Developing analytical models to assess risk profile of a customer /identifying cross-sell opportunities/fraud control for new and existing customers.
* Developing Statistical modelling using Regression, Correlation, Factor Analysis for the Research Applications.
* Data Extracting Data Modelling, OLAP Building and Reporting to users on daily basis for internal operations.
* Preparing data for business figures and maintaining dashboards.
* Analyse & report bugs, enhancements / data cleanup in various systems to improve the functioning of the applications.

Achievements

* KVB Tech Award of Excellence for contribution in Core Banking Migration Project.

Extra-curricular Activities

* Co-Ordinated FinTech Focus, Pondicherry University Co-Ordinator of ‘FinTech Focus'
* Volunteered Lions Blood Donation Camp, Pondicherry. Organized blood donation camps by fund raising advertising etc.