Elamaran Jayabarathy

+1 425 389 6995

jelamaran@gmail.com

14650 NE 32ND Street A21, Bellevue, WA 98007

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

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

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 solution 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.
* Creation of a high-quality dashboard by performing descriptive and diagnostic analytics using Tableau.
* Creating the predictive solution utilizing R/Python utilizing Machine learning models such as regression, bayes or decision tree.

Project Name 2:

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

*Role: Assistant Manager*

*Department: Data Centre*

Key Responsibilities:

* Manage, operate, and provide technical assistance to payment systems like structured financial messaging platform (SFMS) / RTGS / NEFT.
* To query and analyse data in SQL to improve the efficiency of payment application processes.
* Carried out system testing in the migration of Core Banking Software for payment module.
* Performing 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*

*Department: Business intelligence Unit*

Key Responsibilities:

* Extracting data using SQL for business figures and dashboards.
* Analyse customer credit card transactions and prepare a set of customers who are eligible for new credit limit and cross-selling of other banking products based on their spending habits and repayment capabilities.
* Analysing and recommending physical statement suppression as a measure of operational cost reduction for the bank, with each physical statement conversion into an e-mail saving the bank 5 rupees in paper and postal costs.

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.