|  |  |
| --- | --- |
| Supriya Raman  Reporting and Analytics Lead | SR |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **imsupriya@gmail.com** | **+91 9538978172** | **Bengaluru, IN** | [**GitHub**](https://github.com/imsupriya007) | [**LinkedIn**](http://www.linkedin.com/in/supriyaraman007) |

*13+ years experienced Analytics Lead pursuing* ***PG Program in Machine Learning & AI.*** *Proficient in deploying machine learning and statistical modelling algorithms/techniques for identifying patterns and extracting data insights. Directing end-to-end software development lifecycle, accomplishing mission-critical projects & delivering user-centric solutions. Using Scrum methodology to write succinct user stories or epics in agile framework.*

|  |
| --- |
| **TECHNICAL SKILLS** |

**Languages & DB**: Python, HTML/CSS, SQL, DB2, Teradata, MS Access, SSIS, MySQL, MS Excel, C#, VBA, VB.Net

**Packages**: Scikit-Learn, NumPy, SciPy, Pandas, Beautiful Soup, Matplotlib

**Statistics/ML**: Linear/Logistic Regression, SVM, Random Forests, Gradient Boosted trees, NLP

**Mainframes:** COBOL, JCL, REXX, DFSort, Easytrieve

|  |
| --- |
| **EDUCATION** |

* **PG Program Machine Learning & Artificial Intelligence** | IIIT Bangalore & upGrad | Sep ’19 – Sep ‘20
* MCA, Gold Medallist | **Jamia Hamdard** | New Delhi, IN | Jun ’03 – May ‘06

|  |
| --- |
| **KEY ML/AI PROJECTS** |

**Domain:** Telecom **| Tech Stack**: Python, Jupyter Notebook | Dec '19

* *Objective*: To predict important features to predict churn and to identify customers at high risk of churn
* *Solution*: Deployed **PCA, Logistic Regression, Decision Tree, SVM and Decision Forest** to make prediction on telecom customers
* *Key Achievement:* Predicted with hard classes whether customer will churn or not with accuracy score of **0.91** Found important indicators of churn.

**Domain:** Telecom **| Tech Stack**: Python, Jupyter Notebook | Dec '19

* *Objective*: To predict customers whether a particular customer will switch to another telecom provider or not
* *Solution*: Deployed **Logistic Regression** to make prediction on telecom customers
* *Key Achievement:* Predicted with hard classes whether customer will churn or not with accuracy score of **0.91**

**Domain:** Automobiles **| Tech Stack**: Python, Jupyter Notebook | Dec '19

* *Objective*: To identify the variables which are significant in predicting the car price
* *Solution*: Created **Linear Regression** to arrive at a potential attribute/s for predicting the car price
* *Key Achievement:* Created a predictive model by deploying Linear Regression to arrive at significant attributes

**Domain:** Banking **| Tech Stack**: Python, Jupyter Notebook | Nov '19

* *Objective*: Reduce credit loss by reviewing loan applicants’ data & finding drive factors behind loan default
* *Solution*: Found driving variables behind loan default, i.e. the variables which are strong indicators of default

**Domain:** Investments **| Tech Stack**: Python, Jupyter Notebook | Nov '19

* *Objective*: To identify the best sectors, countries, and a suitable investment type for making investments
* *Solution*: Explored and Identified the best suitable investment type, top countries and sectors

|  |
| --- |
| **PROFESSIONAL EXPERIENCE** |

**Analytics Lead Oct ’19 – Present**

**ANZ Support Services India Pvt. Ltd. Bengaluru, IN**

*Australia and New Zealand Banking Group Limited*

**Data Analytics - Reporting & Analytics Centre of Excellence Team**

* Mobilizing data capture, curation, manipulation and visualization of business reports (HR, Trade, Markets, Wealth etc.). Generating **300-350 reports** monthly with different frequency with no SLA slippage
* Automating the generation to reduce the working efforts **by 40%** and enhance the delivery time.
* Address and solve complex business issues using large volume of data - HR, Loans and Fraud data to gain data insights. Develop analytics models of data and creation of interactive visualization.
* Uplift quality of data and analytical products, standards and controls.
* Sentiment analysis on Yammer/ Twitter for ANZ customers.
* Initiate, design and implement innovative trends in data science.

**Project Management & Process Improvement**

* Optimising resource utilization, cross training for resources, leveraging the execution time for efficiency standards
* Maintaining JIRA Dashboard, allocating, tracking and closing work allocations

**Team Building & Management**

* Directing **Analytics team of 11**, enhancing their professional skills and assigning targets to meet deadlines
* Recruited, trained, monitored & motivated the **team of 5** members to align to quality deliverables

**Tech Stack:** Python, Machine Learning, Data Science, C# .NET, SSIS, VBA, MS Excel, SAS, Automation Anywhere

**Design Engineer Dec ’13 – Sep’ 19**

**ANZ Operations & Technology Pvt. Ltd. Bengaluru, IN**

*Australia and New Zealand Banking Group Limited*

**Team Management & Leadership**

* Spearheaded a team of **7-9** to conceptualize and effectively manage end to end delivery
* Team building, empowered people and enhanced the team skills

**Project Delivery & Process Optimization**

* Oversaw end-to-end delivery service providing consultation, designing, coding, unit testing, de-bugging and deployment activities
* Project optimization by building tools and applications for quick deliveries
* Data Exploration and Analysis to find new business opportunities, reduced turnaround **time by 80%** and enhanced delivery
* Deliverables aligned to agile framework. Scrum Master for most of the project deliveries

**Tech Stack:** Mainframes, DB2, Teradata, Python, Tableau, REXX, Splunk, JIRA

**Technical Lead Jul’ 10 – Dec ’13**

**IGATE Bengaluru, IN**

*A part of Capgemini Group*

* Orchestrated a team of personnel focused on technical issues including software development, product releases, and engineering tasks
* Hired & trained staff and delegated work assignments, collaborated with colleagues to identify and repair technical issues

**Tech Stack:** Mainframes, DB2

**Software Engineer – Technical Module Lead Aug ’06 – Jul ’10**

**CSC Noida, IN**

*DXC Technology*

* Managed end to end project delivery, mentored the resources, contributed best practices, value addition

**Tech Stack:** Mainframes, C#, VB.Net, DB2, MySQL, REXX

|  |
| --- |
| **CERTIFICATIONS** |

* Data Science Bootcamp 2019 Certification and Machine Learning A-Z Certification | Udemy | 2019
* Data Science and Machine Learning Certification | Stanford University | 2019
* PSM 1 Certification (Product Scrum Master) | [www.scrum.org](http://www.scrum.org) | 2019
* PSD Certification (Product Scrum Developer) | [www.scrum.org](http://www.scrum.org) | 2019
* Design University Certification | ANZ Internal | 2017
* Hadoop and Big Data Certification | ANZ Internal | 2017
* Design Estimation Certification | ANZ Internal | 2016
* Six Sigma Green Belt | 2012
* Basics of Banking | IIBF (Indian Institute of Banking and Finance) | 2010
* Functions of Banking | IIBF (Indian Institute of Banking and Finance) | 2010