

Career Objective

Highly motivated individual with a strong track record of performance in handling relationship management activities to identify and define business requirements, and translate business needs into complex models. Competent at identifying different data sources and providing associated data modelling and data visualization.

Key Skills

R programming | Python | Perl | Tableau | Advance Predictive modelling and designing drilldown analysis for business insights | Statistical modelling | Credit Risk Analysis and Project Management | Client management and cross functional project handling | Strong RDBMS knowledge | Agile Methodology | Jira | Model Deployment | GIT | Flask

Qualification Summary

- ✚ Analytical, enthusiastic and innovative **Data Science Lead** with **10+** years of IT experience in the different areas of Data Science, Machine Learning and Automation.
- ✚ Core competency using operational data and getting inferential input to be provided for business decision support by using technical tools and skills like R, Python, Tableau, SQL.
- ✚ Ability to understand business problems and disseminate into data driven and drill down analysis for story telling dashboard in Tableau. Complete knowledge in developing predictive data model from production data source for performance management analysis
- ✚ Working experience in following agile development methodology and handling the responsibility of Scrum master.
- ✚ Past working experience in Perl and Python Automation for industry leading storage domain clients.

Technical Skills

- ✚ **R** - Strong programming skills in R. Has deployed multiple models in current project end to end in R. Complete programming skill in reading data into R.
- ✚ **Python** - Developed various regression and classification models of ML using pandas, numpy, scikit learn etc, and visualization using Seaborn and Matplotlib libraries. Good experience in validating models using Cross validation, confusion matrix, ROC curve etc.
- ✚ **Machine Learning and AI** – Strong working knowledge of various ML regression and classification algorithms such as Linear and logistic regression, Decision tree, Random forest, SVM, etc. Strong knowledge of hypothesis testing.
- ✚ **Tableau** - Profound knowledge in Design, develop and deploy Tableau dashboards on Tableau server deployed enterprise-wide. Work with business teams to gain a rich understanding of their business, analytical, and reporting needs, including the identification of critical metrics and KPIs. Develop rich interactive visualizations integrating various reporting components from different data sources.
- ✚ **SQL** - Strong database management and query writing skills in SQL and Access. Statements and clauses, Entity and attribute relationships, Joins, views, pivot and un-pivot, case and when statement, ranking and row order and store procedures etc.
- ✚ **Perl** - Strong working experience in developing automation framework for industry leading storage clients.

Work Experience

Accenture Pvt. Ltd.

Nov 2015 till Oct 2020**Project:** Credit Risk Management**Designation:** Lead Data Scientist**Client:** Allied Irish Bank

Objective:

The main objective of this project is to understand credit risk management which is a practice of mitigating losses by understanding the adequacy of a bank's capital and loan loss reserves at any given time, a process that has long been a challenge for financial institutions. Effective credit risk management is to gain a complete understanding of a bank's overall credit risk by viewing risk at the individual, customer and portfolio levels.

Responsibility:

- To understand the Business problem and interact with the client on regular basis to get more and deep insight of the data shared by the client.
- Better model management that spans the entire modelling life cycle.
- Data visualization capabilities and business intelligence tools that get important information into the hands of those who need it, when they need it.
- To draw the insights from the data and develop a predictive model which will help in categorizing the individual customer and sector of the bank efficiently.
- To do the variable selection which are important in developing predictive model with good accuracy.
- Prepare Origination and Performance reporting to create multiple dashboards for drill down analysis and specific KPI metrics.

- Design data architecture and solve complex data integrity issues.
- Design various charts to explain the trend and performance of portfolios over the period of time.
- Create drill down analysis in Tableau.

Mphasis Pvt. Ltd.

April 2014 till Oct 2015

Project: Integration Server Testing Automation

Designation: Senior Analyst Consultant

Client: HP

Objective:

HPE's Intelligent Data Platform is set to deliver game-changing results by automating infrastructure and data management, tame hybrid complexity and unlock hidden insights. Actively manage on-premises, consumption-based capacity for seasonal demand spikes or hardware and software changes. Agile development and delivery of applications, microservices, and software-defined infrastructure are best accomplished with open sources.

Responsibility:

- Involved in automating the test cases scenarios for the Smart Array Controller features using Object Oriented Perl.
- Enhancement of the L2 automation framework to support new features of HP Proliant servers.
- Involved in bug fixes and analysis of test cases.
- Develop new Perl Library Modules and wrappers for adding support to new Vertical (Storage).
- Developing scripts for RAID, stripe size migration, parallel surface scan, etc.

Wipro Technologies

Nov 2011 till April 2014

Project: Data Protection Group

Designation: Analyst Consultant

Client: Netapp

Objective:

NetApp backup solutions deliver modern backup-and-recovery capabilities to keep your business data safe and available on premises, at remote offices and in the cloud. Deploy best-of-breed backup technologies designed for current and future IT requirements. Update or rebuild existing backup-and-recovery infrastructure with high-performance, array-based backup and recovery, data-availability services, high-density disk storage for enterprise backup. NetApp storage security solutions protect stored data across enterprise in SAN, NAS, and tape environments.

Responsibility:

- The project responsibility involves automating the test cases for the RAID, WAFL, Snap mirror, DPG, Snap vault, VTL areas of NetApp storage devices.
- The Scripting language used for automation is Perl and the framework used for development and execution is NACL. The project involves end to end testing of DPG feature like SnapMirror, SnapVault, Tape Backup etc. of Data ONTAP to save the data when any disaster occurs using command line interface in 7-mode and C-mode
- Automated the test cases in aggregate options, antivirus, storage failover features, TAPE backup, Qtree snapmirror (QSM), Volume snapmirror (VSM).
- Script hardening for the old scripts and made them compatible with new features of ONTAP
- Code review of the scripts of the other team members.

Omnesys Technologies

Aug 2010 till Nov 2011

Project: Next Generation Electronic Securities Trading (NEST)

Designation: Operation Engineer

Objective:

Nest is an innovative solution offering "Tools of the Trade" for institutional and retail brokers, proprietary desks, and exchanges. These include trading tools, market data, exchange connectivity, and more. Both foreign and domestic retail brokers, institutional players and banks execute millions of security transactions on Indian exchanges every day

Responsibility:

- Build and manage database to assist in monitoring trade flows.
- Perform the daily, monthly, and quarterly maintenance of the automated risk analysis.
- Helps prepare Key Performance Indicator (KPI) reports on trading activity. Monitors effectiveness of trading performance measures on ongoing basis.
- Provides analytical support to the team to support modelling of long term contracts and project development opportunities.
- Ability to work through complex operational situations and identify solutions.

Academic Qualifications

B.Tech in Information and Technology from Vishveshwarya Institute of Engineering and Technology 2010.

Personal Details

Date of Birth	: 27th October, 1986
Gender	: Male
Address	: *****
Linguistics	: English & Hindi