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Experience summary

1. A Professional with about 15 years of experience in Python Machine learning, Deep learning Data science , Big data, Mobile applications , data staging and testing, web application development and testing until production deployment and support with an insight into IBM Cloud infrastructure solutions, Finance, Life and General Insurance, Telecom and HRMS database payroll domains.
2. Data science professional with experience in all stages of data processing and insights delivery.
3. To understand business use cases and requirements from clients and convert them into a well articulated problem statement and explain to the project teams.
4. Analyze unorganized data, assessing quality, cleansing, structuring for management review and design accurate and scalable prediction algorithms.
5. To identify relevant data sets required to develop predictive models for solving internal and external business problems.
6. To explore data sets and identify data transformation and data mining needs for targeted insurance applications.
7. To develop algorithms and predictive models to derive analysis and business value from data sets through classification, clustering and regression.
8. To provide the mentorship required for the other team members of the team.
9. Identify the use cases and help the teams to implement, which might help organization business development.
10. To define and develop the programs for data collection, modelling and reporting the operational performance.
11. Responsible for Budget planning, Schedule planning and resource profiling for all the project phases.
12. To lead and support various adhoc projects, as needed, in support of organizations business strategy.

Skills and Knowledge areas

Category	Software/ Tool/Technology	Proficiency	Experience in years
Data science Data cleansing Data mining Data modelling Data analysis	Python Algorithms using Machine Learning Tensor flow Pandas Numpy SCIKIT learn	Intermediate	4 + years
Machine learning Linear and Logistic Regression, Classification- KNN, Naive Bayes. Clustering – K - means Supervised Learning, Unsupervised learning Over fitting, Parametric and non-Parametric modelling Deep Learning CNN,RNN	K means, SVM LSTM,Tensor Flow	Intermediate	3+ Years
Operating Systems	Windows 98, 2000 server,	Expert	14+ years

	XP, Windows 8,10, Android, IOS		
Office Tools	MS office applications	Expert	14+years
Languages	C , Java, VB, PYTHON	Intermediate	4+ years
PI/SQL	SQL	Intermediate	2+ years
Verification tools	ALM(Quality centre 8.0,8.2) Selenium 2.0 Web drivers (Java) QTP 8.0,8.2, (UFT 12.5)	Working Knowledge	5+ years

Achievements

- Have been recognised for contributions of developing an automated chatbot concept for claims part as cost saving project for an European Insurance Giant(TRYG)
- Have received highest level customer appreciations for successfully delivering the Regular Contribution ISAs insurance and Work save Pension Trust (Master Trust) project product to the market for Legal and general client within TCS.
- Demonstrated excellent working skills and performed in projects which are very critical and received appreciations from customer (Legal and General united kingdom)
- Awarded with best performance in the form of spot awards from Fidelity in 2007-2008.
- Recognized as one of the best associates for onsite client Coordination.

Professional Experience summary

Currently associated **as Delivery project executive** with **IBM India Pvt limited** since **April 2017**

Previously associated with **Tata consultancy services India Ltd (Jun 2008 – March 2017)**

- **Associate consultant from April 2012 - March 2017**
- **IT Analyst from Jun 08 – April 2012**

Previously associated **as Test Engineer** with **Fidelity Business Services India Pvt Ltd, from Feb 2006 - May 2008**

Previously Associated **as Software Engineer** with **Verizon Data Services India (Chennai), from May 2005 - Feb 2006**

Previously Associated **as Technical Support Engineer** with **Dell International Services Pvt Ltd from Nov 2002 – Apr 2005**

Project Summary

1 IBM India Pvt Limited

Client APAC clients (711, NESA, Hannon, IAG insurance)

Project Title / Name Cloud solutions and Watson data analysis

Project Duration April 2017 – till date.

Project Location Bangalore.

Team Size 15

Project Description:

This project is to rebuild the existing platforms and infrastructure which are legacy in nature into ne cloud based and big data based platforms to enable the cost efficiency using the Big Data technology implementations.

Classification of Operational data in CSV format and unorganized data using Linear regression and K means and Naive bayes algorithms. and also coming up with both linear regression and logistic regression model for reading and converting the Incidents data reported across Asia pacific clients. Prediction of heat maps and forecasting the future data based on the heat maps produced and coming up with the solutions to fix the infrastructure issues.

Roles and responsibilities

- Have been playing a role of Delivery Project executive, taking care of overall solutions delivery for Asia pacific clients mentioned above.
- Responsible for identifying the data sets required to come up with predictive models for providing solutions for both internal and external business problems.
- Used IBM Watson for the data analysis and standardization and to come up with heat maps.
- Involved in the trend prediction and analysis which led to quality solutions and retaining high valued potential customers.
- Enabled the project to run in the agile delivery model.

Technology stack: Python, IBM Watson, Linear regression classification and clustering, Predictive modelling, Heat maps

2 Tata consultancy services

Client	PNC financial services (United States of America)
Project Title / Name	Lending transformation for mortgages
Project Duration	August 2016 – January 2017
Project Location	Bangalore.
Team Size	10

Project Description:

This project was a major platform change and upgrade of a huge mortgage loan processing application from old technology to new technology. PNC Mortgage loans application had several modules such as Origination, Pre-underwriting, underwriting, processing, funding and closing.

This was a huge database of data of customers who would apply for Mortgage loans had to undergo screening through Data cleansing act based on various features and parameters such as Credit history, Medical history, financial statuses, and claims in any other insurances. This was basically collecting all the information of customers through the origination process filtering them based on the eligibility criteria to pass it through Pre underwriting and underwriting processes. Later the eligibility of the customers is derived based on the above features through regression algorithms and modelling.

Roles and responsibilities

- Have worked as programme manager involved in gathering the requirements and understanding the business use cases from clients and convert them into a well defined problem statement and explain it to the development team.
- Responsible for identifying the data sets required to come up with predictive models for providing solutions for both internal and external business problems.
- Responsible for supervising the Data cleansing, Validation, data classifications and data modelling activities.
- To develop algorithms in python like KNN, K – Means linear regression and SVM.as part of data analysis.

Technology stack: Python, Numpy, Pandas, Matplotlib, ALM,

3 Tata consultancy services

Client	TRYG (Copenhagen, Denmark)
Project Title / Name	Price Premium conversion
Project Duration	February 2013 – August 2015
Project Location	(Copenhagen, Denmark)
Team Size	12

Project Description:

Main frame suite is called as Price Conversion project involves conversion of existing Products from old platforms to the new platforms, eventually converting all the existing customers on the old platform to new platform which includes Neutralization/Rise/Fall of premiums Based on certain Tariff parameters.

This Program mainly involves in converting the General Insurance products such as Household, Building, Personal car, Commercial Car, Holiday house, Pet Insurance, Horse insurances, Workmen's compensation, Accident Insurance and Healthcare related insurances.

This project requirement of analysis of customer involved different sets of data analysis ranging from data related to gaining customer insight by collecting information and arriving at the premium calculations in the initial steps and also determining the Fraud based on the claims data associated with each customer and multiple products mentioned above related to each customer.

Roles and responsibilities

- Have worked as team lead involved in gathering the requirements and understanding the business use cases from clients and convert them into a well defined problem statement and explain it to the development team.
- Responsible for identifying the data sets required to come up with predictive models for providing solutions for both internal and external business problems.
- Responsible for supervising the Data cleansing, Validation, data classifications and data modelling activities.
- Claims processing automation using chatbot for customer direct calls.
- To develop algorithms in python like linear regression and SVM.as part of data analysis.

Technology stack: Python, Numpy, Pandas, Matplotlib, ALM, Mainframes legacy systems.

4 Tata consultancy services

Client Name	Legal and General (United Kingdom)
Project Title / Name	Auto enrolment for Pensions, Choice *Opt out
Project Duration	July 2011 – January 2013.
Project Location	Bangalore – United Kingdom
Team Size	20
Technology Stack	Mainframes, Visual basics, Java, HPS appbuilder, SOA Services, Windows Xp, Unix, Quick test pro 8.0, Quality center ,

Roles and responsibilities Business Coordinator

- Requirement Analysis and Business workflow analysis.
- Software design, development and Maintenance.
- Project Management and strategy creation.
- 4Budget Planning, Schedule planning and Resource profiling for the project phases
- Coordination with the Business and Requirement team for understanding the new requirements and enhancements.

Project Description

Auto-enrolment will mean workers being automatically enrolled into their employer's qualifying pension scheme without any active decision on their part. At present, many workers fail to take up valuable pension benefits because they do not make an application to join their employer's scheme. Auto-enrolment is meant to overcome this.

From 1 October 2012 (subject to the employer's own introduction date), all eligible workers will have to be auto-enrolled into a qualifying pension scheme. Employers can choose the qualifying scheme they use, which could include NEST (the National Employment Savings Trust). Each qualifying scheme must meet minimum standards in respect of the benefits it provides or the amount of contributions paid to it. The scheme must also provide auto-enrolment for all eligible workers and for all new workers when they become eligible.

5 Tata consultancy services

Client Name	Legal and General (United Kingdom), IBM
Project Title / Name	Data Center Migration, Windows Upgrade
Project Duration	July 2011 – June 2013.
Project Location	United Kingdom.
Team Size	20
Role	Business Coordinator
Technology Stack	Quality center, Mainframes, HPS appbuilder, Java, SOA Services, Windows Xp, and UNIX.

6 Tata consultancy services

Client Name	Legal and General (United Kingdom)
Project Title / Name	Work save Pension Trust(Company pension scheme) and work save Funds
Project Duration	NOV 2010 – Jun 2011
Project Location	Bangalore.
Team Size	6
Role	Team Lead
Technology Stack	Mainframes, HPS appbuilder, Java, SOA Services, Ecomm, web sphere applications Java, Windows Xp, UNIX.

7 Tata consultancy services

Client Name	Legal and General (United Kingdom)
Project Title / Name	Portfolio Regular Investment Plan(Qualifying savings Plan)
Project Duration	Apr 2010 – October 2010.
Project Location	Bangalore.
Team Size	5
Role	Business Coordinator
Technology stack	Mainframes, HPS appbuilder, Windows Xp, UNIX. Enhancement testing, Regression Testing,

8 Tata consultancy services

Client Name	Legal and General (United Kingdom).
Project Title / Name	Regular Contribution individual savings account
Project Duration	Sep 2009 -July2010.
Project Location	Bangalore.
Team Size	10
Role	Team lead
<u>Technology stack</u>	Mainframes, HPS appbuilder, Java, SOA Services, Ecomm, web sphere applications Java, Windows Xp, UNIX.

9 Tata consultancy services

Client Name	Legal and General (United Kingdom).
Project Title / Name	Pensions and Bonds (Personal, Stake holder pension)
Project Duration	July 2008 to Sep 2009.
Project Location	Bangalore.
Team Size	6
Role	Team Member
Technology stack	Mainframes,HPS appbuilder, Ecomm,

10 Fidelity Investments PVT LTD

Client Name	ABB, Bank of America, Agilent, Fidelity, Knight Rider, First American Corporation, Analog Devices, Visitor, BASF.
Project Title / Name	Oracle Human Resource Management Systems.(HR Payroll)
Project Duration	Feb 2006 to May 2008.
Project Location	Bangalore.
Team Size	10
Role	Team Member
Technology stack	Java, Oracle apps, Oracle 9I, SQL, Windows Xp, and UNIX.QTP

Project Description

Oracle HRMS payroll is a management system which can help you to control workforce Costs and ensure that the entire workforce is being paid on time and according to company's customized compensation rules and fully integrated with Oracle Financials. Oracle Payroll is based on a global HRMS engine with country-specific localization extensions to better manage global HR operations.

The HR Payroll provides a service that helps employees, managers and Human resource professionals make more informed decisions. These include:

- HR Administration and employee data maintenance.
 - Compensation administration.
 - Payroll administration and tax filling.
 - Eworkplace and netbenefits are the web-based service model which empowers HR Professionals, Managers and employees of our client companies to locate and update information themselves like:
 - Recruitment and Staffing. / Employee Administration. / Payroll. / Benefits Administration.
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Client Name	Bank of America, Fidelity, BASF Corporation
Project Title / Name	Performance management systems
Project Duration	Feb 2006 to May 2008.
Project Location	Bangalore
Team Size	5
Role	Team Member
Technology Stack	Java, Oracle apps, Oracle 9I, Windows, Unix, Quick test pro.

Project Description

Performance management system is an application, to plan the goals of an employee of a company on annual basis, it consists of fixing the employee ratings, developmental skills, list of competencies required for an employee under a manager. The complete project cycle involves flow between the employee, manager and H.R administrator. The Performance plans created by the employee have to be approved by managers and H.R. administrators in order to complete the performance Plan.

Client Name	VERIZON
Project Title / Name	Local and National Transparent LAN services.
Project Duration	June 2005 to Feb 2006
Project Location	Chennai
Team Size	8
Role	Team Member
Technology stack	J2EE, JSP, Web Sphere, Oracle, Windows

Project Description

The Products like Local TLS and National TLS are the data Transfer Layer 2 products offered by Verizon. The products sales and product configuration is automated through software. The Enterprise customer can login to the portal and be able to select the products and configurations.

13 Verizon PVT LTD

Client Name VERIZON
Project Title / Name LOCAL FAST PACKET and IPVPN
Project Duration May 2005 to Feb 2006
Project Location Chennai
Team Size 8
Role Team Member
Technology Used J2EE, JSP, Web Sphere, Oracle, Windows

Project Description

The Products like Local ATM, Local Frame Relay, IPVPN are the data Transfer Layer 2 & 3 products offered by Verizon. The products sales and product configuration is automated through software. The Enterprise customer can login to the portal and be able to select the products and configurations.

14 Dell International PVT LTD

Client Name United states and Canada Dell Customers
Project Title / Name united States /Canada Technical Support
Project Duration Nov 2002 – Apr 2005
Project Location Bangalore
Team Size 15
Role Team Member
Technology Used Dell serv andVoip

Education Summary

Masters in European construction project management **2015-2016**

University of Cantabria (Spain)

Bachelor of Technology (Civil) **1996-2000**

Bangalore University