Focused professional targeting challenging assignments in **Data Science** with an organization of high repute.
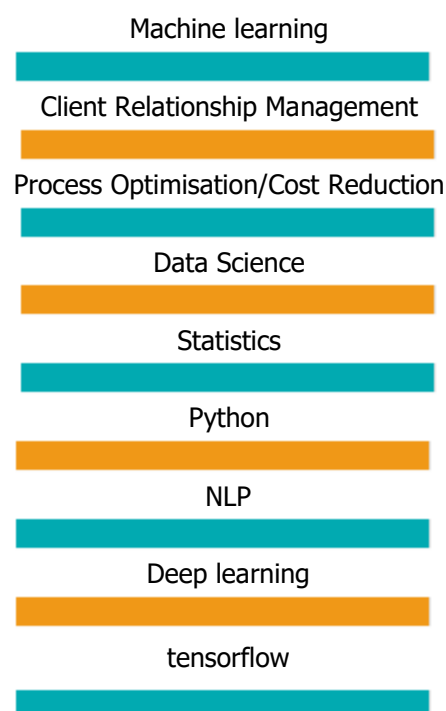
Profile Summary

▶ Experienced in Data Science roles across industries.

▶ I am looking for a role where I can leverage my skills and experience for the betterment of the Organisation and further improvement to my own learning..

▶ Knowledge of industry best practices and a deep understanding on how data is extracted, transformed, scrubbed and loaded in Data storage environments.

▶ Thorough understanding of Data Science tools, techniques and technologies in Machine Learning, NLP and Deep Learning algorithms using Python, R SciPy, NumPy, Matplotlib, Tensorflow and Keras.

▶ Thorough understanding of algorithms like Regression, Clustering,NLP Classification, including Time Series forecasting and Annova methods.

▶ Ability to communicate analytical results in a way that is meaningful for business stakeholders and provide actionable insights.

▶ Conducted competency review of associates, driven innovation projects

▶ Resolved all the technical issues arising during the execution of the project.

▶ Reviewed and edited requirements, specifications, business processes and recommendations related to the proposed solution.

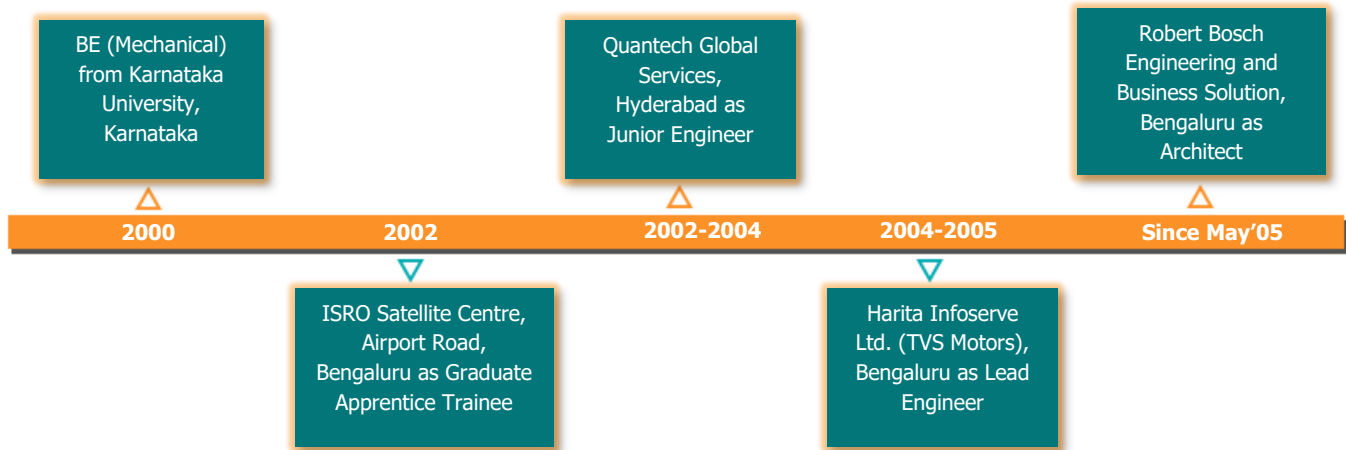▶ An effective communicator with the capabilities to relate to people at any level of business & management.

Core Competencies

Machine learning

Client Relationship Management

Process Optimisation/Cost Reduction

Data Science

Statistics

Python

NLP

Deep learning

tensorflow

📅 Timeline

BE (Mechanical) from Karnataka University, Karnataka — 2000

ISRO Satellite Centre, Airport Road, Bengaluru as Graduate Apprentice Trainee — 2002

Quantech Global Services, Hyderabad as Junior Engineer — 2002-2004

Harita Infoserve Ltd. (TVS Motors), Bengaluru as Lead Engineer — 2004-2005

Robert Bosch Engineering and Business Solution, Bengaluru as Architect — Since May'05

👤 Organizational Experience

BOSCH
Invented for life

Since May'05
Robert Bosch Engineering and Business Solution, Bengaluru Growth Path:
Senior Engineer
Specialist
Architect

Key Result Areas:

- To understand the business use cases from clients and convert them into a well defined problem statement and explain it to the development team.
- Identify and implement use cases which might help the organisation business development.
- Shouldering responsibilities for:
  - Leading topics like machine learning and data science
  - Competency management and development of the team
- Following up with customers on possible new cooperation and initiating new projects.
- Preparing Machine learning prototypes for new type of tasks.
- Understanding the business issues and data challenges of client's organization and industry; identifying client organization's suggesting areas of improvement
- Collecting data facts, analyzing them to find root cause of business problem and forwarding the key findings to the management
- To understand the business use cases from clients and convert them into a well defined problem statement and explain it to the development team.
- Directing weekly & daily report creation through in-depth analysis & producing actionable information.
- To partner with other departments to solve problems and identify trends and opportunities.

👤 Organizational Projects

1)Title: Daimler Trucks Asia End to End After Market Supply Chain Solution

Description:
Fuso implemented D2S in May 2015, however there were numerous issues at launch. Issues included inefficient master data management, low forecast accuracy, incorrect safety stock calculation techniques, poor backorder management and low overall visibility & transparency. Project requirements included improving supply chain efficiency, transparency and optimizing stock control.

Technology
Neural Networks, Deep learning, Python, Machine learning, Data Analysis, HIVE, Spark, Azure Cloud Platform
Contribution

- Involved in requirement gathering and the concept design phase of the project.
- Developed end to end data pipeline using Spark and Scala.
- Streaming and processing data through Spark.
- Performing analysis for forecasting customer lifetime value, measuring long-term value of campaigns, churn analysis.
- Monetary Analysis, Sentiment Analysis, Navigation Menu Analysis, Net Promoter Score, Spike orders.
- Detection Analysis, Causal Impact Analysis.

2)Title: Chatboat for supply chain application

This chatboat is built for automotive aftermarket application. Instead of calling different locations for getting availability of parts, showrooms and warehouses use this chatboat. This can give info in if particular part is available on not and if not available how long for the part to arrive to service station.

Technology

NLP, Recurrent neural network

Contribution

- Involved in requirement gathering and architecture design.
- Building data cleansing pipeline to train a model.
- Involved in parameter tuning process for optimal model hyperparameters.
- Scripting using python language using NLP and Recurrent neural network algorithms

3)Title: evaluation and classification of steering housing designs for stress failures

Description:

Steering housings are subjected to different types of loads and combination of these loads can cause failure of steering housing. Stress values at different points of steering housing for previous variants is considered as past data . Taking this data of previous housings, task is to predict if any of future housings will fail for given set of loads.

Technology

Machine Learning, Recurrent neural network

Contribution

- Involved in requirement gathering and architecture design.
- Creating artificial intelligence recurrent neural network model to establish relationship between different geometry shapes and failures.
- Building data cleansing pipeline to train a model.
- Developing statistical models for various predictive methods such as forecasting, classification and
- regression.
- Involved in parameter tuning process for optimal model hyperparameters.
- Generate actionable insights from data and creating presentations and dashboards to make recommendations for improvement.
- Preparing and conducting demonstration of predictive analytics module of BI along with marketing team.

👤 Trainings / Certifications

Attended trainings in:

- Internet of things(IOT-B)
- BES-PE @ Bosch

Attended certifications courses in:

- BMQP (A Management Certification Program Conducted at Bosch Global Level)
- German Language–A1

Personal Details

Date of Birth: 30th July 1978

Languages Known: X

Address: #10702,Bhuvana Greens Apartments, Off Sarjapur Road, Bengaluru -560035