



91-9986624984



[raghavendra.galagali@gmail.com](mailto:raghavendra.galagali@gmail.com)



[www.linkedin.com/in/raghav-galagali](http://www.linkedin.com/in/raghav-galagali)

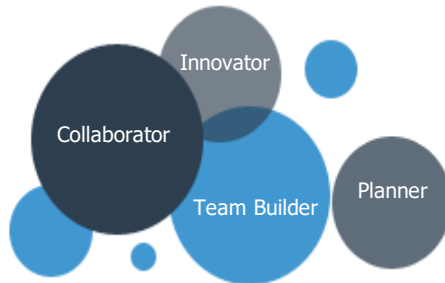
## Team Lead

**Data Science | Software Design & Development | Project Management**

## Raghavendra Galagali

**Achievement-driven professional, targeting assignments with an organization of high repute, preferably in Bengaluru**

## Soft Skills



- Results-driven Team Lead offering more than 12 years of experience in large engagements including complex Development Architecture & Implementation using Java & XML technology
- 5 years of experience in statistical modelling, EDA & building Machine Learning & Deep Learning models
- 5 years of experience in building NLP applications using NLTK & spaCy
- Strong project management, implementation, analytical and training skills that have resulted in repeated success in guiding sizeable, cross-functional teams in the design & launch of leading-edge solutions and best practices
- Successfully executed projects such as Sentiment Analysis, AI powered Chat-bot, Object Classification from RADAR input
- Proficient in gathering business requirements, conducting, analytics & quantitative research, performing data validation, data consolidation, data refinement, data maintenance and implementing solution
- Experience in interpreting and analyzing data to drive successful business solutions, knowledgeable in statistics, mathematics and analytics
- Excellent understanding of business operations and analytics tools for effective analyses of data; creative in finding solutions to problems and determining modifications for optimal use of organizational data
- Hands-on experience in working on statistical and data mining techniques such as GLM/Regression, Random Forest, Boosting, Trees, text mining, social network analysis
- Rich experience in using machine learning algorithms such as Generalized Linear Models, Boosting, Decision Trees, Neural Networks, SVM, Bayesian Methods, time series models; experience in creating and using advanced machine learning algorithms and statistics: regression, simulation, scenario analysis, modeling, clustering, decision trees, neural networks, etc.
- Travelled to Regensburg, Germany and Timisoara, Romania for onsite assignments

## Core Competencies

### Project Management & Execution



### Machine Learning Algorithms



### Business & Statistical Analysis



### Release Management



### Statistics & Exploratory Data Analysis



### Data Science



### Architecture & Design



### Software Development Life Cycle



### People Management



## Education & Credentials



- Pursuing MS in AI-ML from IIITB (2020-21)
- B.E. in Computer Science from Visvesvaraya Technological University in 2008 with 63.33%
- Completed Big Data & Hadoop course in Edureka

### Certifications:

- Data Science
- Neural Networks
- Deep Learning by deeplearning.ai on Coursera
- OCJP 5 and 6

# IT Skills

**Languages:** Python, Core Java, Groovy, XML

**Technologies:** Machine Learning, Deep Learning, Data Science, NLP, OpenCV, Time Series, Hadoop, MapReduce

**IDE's /Tools:** Anaconda, Eclipse, SVN, JIRA, Git, Azure DevOps

**Operating Systems:** Windows 10

## Professional Experience

**Since Nov'19**

**ZF India Pvt Ltd as Team Lead**

**Role:**

- Leading a team of 9 highly skilled & energetic software professionals
- Leading a software team through the different stages of Software Development Life Cycle
- Deployed JFrog Artifactory into build chain by integrating it into Jenkins through pipeline script
- Working on Gradle Custom Tasks which handles several stages of Tool chain
- Working on Rhapsody plugins to provide utility tools for Architecture team

**Oct'13 to Nov'19**

**Continental Automotive Components Pvt. Ltd., Bengaluru as Technical Specialist**

**Role:**

- Predicting data using Functional Models, Classification Models (Decision Tree, Random Forest, Naive Bayes, NNT) and Discriminant Analysis
- Using statistical methods to analyze data and generate useful business reports
- Working with management team to create a prioritized list of needs for each business segment
- Identifying valuable data sources and automate collection processes
- Undertaking preprocessing of structured and unstructured data
- Analyzing large amounts of information to discover trends and patterns
- Collaborate with engineering and product development teams
- Identifying and recommending new ways to save money by streamlining business processes
- Using data to create models that depict trends in the customer base and the consumer population as a whole
- Understanding business objectives and developing models that help to achieve them, along with metrics to track their progress
- Analyzing Machine Learning algorithms to be used to solve a given problem and ranking them by their success probability
- Exploring and visualizing data to gain an understanding of it, then identifying differences in data distribution that could affect performance when deploying the model in the real world
- Verifying data quality, and/or ensuring it via data cleaning; supervising the data acquisition process if more data is needed

## Major Projects

**Project Name: AI Powered Chat-bot**

**Description:** An application which simulates the human conversation or chat through Artificial Intelligence. This will reduce the huge manual effort as it is going to answer all the queries of the user without any delay.

**Environment:** Anaconda, Python, NumPy, TensorFlow, Django, SQL, Rasa

**Project Name: Introduction of JFrog Artifactory**

**Description:** Piloted JFrog Artifactory concept in Steering Division to push the build chain system in repositories in Artifactory. Also, have written Jenkins pipeline script to automate the process completely.

**Organization:** ZF India Pvt Ltd

**Team size:** Individual contributor

**Environment:** Gradle

**Technologies:** Pipeline Scripts, Groovy

**Project Name: Gradle Custom Tasks**

**Description:** A collection of several applications built into a single project which is being used in different levels of embedded development. It has scripts from reading properties & specifications of project till generating customized .hex files for various OEMs.

**Organization:** ZF India Pvt Ltd

**Team size:** 4

**Environment:** Gradle

**Technologies:** Java, Groovy

**Project Name: Autonomous Driving**

**Description:** An application which will detect lanes on the roads. This will help the drivers to stay between the lanes and maintain lane discipline. If a driver tends to cross the lane, he will get an alarm to indicate this. This was extended to classify the traffic sign boards.

**Organization:** ZF India Pvt Ltd

**Team size:** 2

**Environment:** Anaconda

**Technologies:** Python, OpenCV, Deep Learning

**Project Name: SQuORE**

**Description:** An application which shows the different metrics, KPIs of a project. The data can be visualized for better understanding. The data from different Configuration tools, Requirement Engineering & Change management are collected and displayed.

**Organization:** Continental Automotive

**Team size:** 4

**Environment:** Data Warehouse, Java, SQL

**Project Name: Object Classification from RADAR Input**

**Description:** Radar detects the nearby moving objects. The sensor collects all the parameters of the object for e.g. speed of the moving object, dimensions of object, movement direction, deflection from the object. This processed data is given as the input to the machine learning algorithm to predict the nearby objects and classify them. Each object can be classified by labeling them with the class label.

**Organization:** Continental Automotive

**Team size:** 4

**Environment:** Anaconda, Python, NumPy

**Project Name: QTools**

**Description:** This tool is developed to generate an Excel, XML files after analyzing set of ".c" & ".h" files. This is basically a static code analysis tool.

**Organization:** Continental Automotive

**Team size:** 4

**Environment:** Java, XML

## Previous Experience

**July'11 to Sept'13**

**Robert Bosch Engineering and Business Solutions, Bangalore as Senior Software Engineer**

**Mar'09 to Jul'11**

**Indenture Technologies, Bangalore as Software Engineer**

### Personal Details

**Date of Birth:** 25<sup>th</sup> January 1987

**Languages Known:** English, Kannada and Hindi

**Address:** C-105, Panchamukhi Paradise, RR Nagar Bangalore-500098