



## Staff Engineer Data Scientist

### Job description

In your new role you will:

- Formulate approaches to solve problems using AI and ML in the context of customer, engineering and basic needs and come with innovative solutions to address the customer challenges
- Dive into the data to find key insights that impact the business
- Design algorithms, train model and deploy to production
- Technically Lead other data scientist to work with engineers and product manager to deliver solution/product on time
- Coach, mentor, and develop staff, including overseeing new employee onboarding and providing career development planning and opportunities
- Ability to serve as a knowledgeable resource to the organization's management team that provides leadership and direction.
- Establish scalable, efficient, automated process for large scale data analysis, and model deployment, validation and implementation
- Peer review and publish work under IEEE conferences

### Profile

You are best equipped for this task if you have:

Candidate Knowledge, skills and Qualification:

• Essential:

- Bachelor's / Master Degree in Computer Science, Electrical/Electronic Engineering
- Total Years of Experience: 6+ years
- Minimum 4 years of experience as NLP Engineer
- Prior experience in leading a team (>4) to solve AI/ML use-cases inside the organization.
- Expert level proficiency in Python
- Project development experience using RNN, LSTM's and similar Deep Learning algorithms
- Understanding of state-of-the-art NLP algorithms and techniques for extracting meaningful information from text and speech data
- Experience with machine learning frameworks, like Keras and Tensor flow
- In depth understanding of BERT-family models, Transformer architecture, GPT-3, LSTMs, CRFs, LDA and word2vec

### At a glance

Location: **Bangalore (India)**  
Job ID: **348056**  
Start date: **as soon as possible**  
Entry level: **1-3 years**  
Type: **Full time**  
Contract: **Permanent**

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- Experience in Distributed model training, model diagnostics, error analysis and model deployment
- Experience with relevant python libraries e.g., Spacy, Genism, Hugging face SciPy, SciKit-learn, NumPy.
- Expertise in Machine learning topics : Forecasting, Classification, Data/Text Mining, Search Algorithms, Neural Networks and Reinforcement Learning
- Ability to undertake ML/NLP trainings inside the organization
- Good applied statistics skills, such as distributions, statistical testing, regression, etc
- Working proficiency in Databases : SQL /No-SQL /Elastic Search
- Familiarity with standard software engineering practices and tools including object-oriented programming, test-driven development, CI/CD, git, shell scripting and clouds services (AWS, Azure, Oracle)

#### Desirable:

- Ability to work with loosely defined objectives and turning these into concrete machine learning problems
- Experience training and deploying machine learning models at scale on distributed cloud environments
- Expertise in Reinforcement Learning and Deep RL

#### Leadership Qualities:

- Pro-Active in creating a road map and showing team future technical path
- Being open minded
- Living transparency
- Striving for innovative solutions and seeing them through

## Benefits

- **Bangalore:** Coaching, mentoring & networking possibilities ; Wide range of training offers & planning of career development; Regional and local talent programs; International assignments; Career paths: Management career, Project management career, Technical ladder career, Individual contributor career, Professional career; Flexible work timing, Part time work, Work from home; Home office; Health & wellness reimbursement, Employee motivation forum, Spoorthi – Diversity club, Master health check up, Health promotion campaigns; Crèche facility; Annual success bonus; Medclaim (dependents & top up), Personal accident, Term life; National Pension Scheme; Health promotion programs; Statutory benefits; Access for wheelchairs; On-site canteen; Paid sick leave, long term illness leave; On site Yoga classes, Sports club

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