

**Job ID : CEET10**

**Work Location : Chennai**

**Role : Architect - AI/ML**

**Monthly CTC : Upto 2.5 Lakhs**

### **Minimum Qualifications**

- ✓ Minimum 10+ years of relevant work experience.
- ✓ Masters, PhD, or equivalent experience in a quantitative field (Mathematics, Computer Science, Engineering, Artificial Intelligence, etc.)
- ✓ Strong background in AI/ML algorithms
- ✓ Experience in implementing and deploying Machine Learning solutions (using various models, such as Linear/Logistic Regression, Support Vector Machines, (Deep) Neural Networks, Hidden Markov Models, Conditional Random Fields, Topic Modelling, etc.)
- ✓ At least 5+ years hands-on experience with: data modelling and data engineering, feature engineering, model lifecycle management supervised and unsupervised deep learning algorithms such as convolutional neural networks, recurrent neural networks, gated recurrent units
- ✓ Working in data analysis, modelling, and visualization packages in TensorFlow, Keras, Pytorch, Caffe, and Theano
- ✓ Experience with Natural Language processing RNN and Transformer models.
- ✓ Extensive background in statistical analysis and modelling (distributions, hypothesis testing, probability theory, etc.)
- ✓ Programming modern parallel architectures (e.g., GP-GPUs using CUDA framework
- ✓ Strong hands-on experience with statistical packages and ML libraries (e.g. R, Python scikit learn, Spark MLlib, etc.)
- ✓ Experience in effective data exploration and visualization
- ✓ Ability to work in cross functional teams
- ✓ Excellent written and verbal communication skills in English; the ability to convey your message to team members and other stakeholders

### **Preferred Qualifications**

- ✓ Experience working with relational and NoSQL/Graph databases
- ✓ Familiar with Big Data frameworks (Hadoop or Spark) and cloud infrastructures
- ✓ Ability and willingness to multi-task and learn new technologies quickly.

## **Responsibilities**

- ✓ Design and implement efficient, fault-tolerant Machine Learning workflows for processing high-velocity, heterogeneous data in a production environment, including optimization of ML workflows for CPU & GPU processing
- ✓ Suggest, collect and synthesize requirements and create effective features.
- ✓ Apply research methodologies to identify the Machine Learning models for the problem at hand.
- ✓ Provide Architectural and Tech leadership in the ML team.
- ✓ Manage the full lifecycle of Machine Learning microservices, including model prototyping, training & evaluation, containerization, unit testing, performance optimization, and deployment in a Kubernetes-based infrastructure.
- ✓ Independently design and undertake new research as well as partner in a team environment across organizations.

## **Click here to apply**

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