

Amarpreet Singh 

Staff Engineer and Certified Tensorflow Developer seeking roles in Machine Learning /
AI / MLOps

Current Designation: Staff Engineer - AI - ML - Certified
Tensorflow Developer

Total Experience: 13 Year(s) 0 Month(s)

Current Company: Balbix

Highest Degree: B.Tech/B.E.
[Electronics/Telecommunication]

Current Location: Gurgaon

Pref. Location: Noida, Gurgaon, Delhi / NCR

Functional Area: IT Software - Application Programming /
Maintenance

Role: Software Developer

Industry: IT-Software/Software Services

Marital Status: Single/unmarried

Key Skills: Machine Learning, Deep Learning, NLP, AWS, Core Java, Python, MySQL, NoSQL, Neural Networks, Artificial Intelligence, Natural Language Processing, Statistics, kafka, Data Scientist, Analytics, Data Structures, Algorithms, AI, Tensorflow, Kubeflow

Verified : Phone Number | Email - id

Last Active: 22-Jan-21

Last Modified: 22-Jan-21

Summary

13+ years of experience in Analysis, Design, Development & Testing of Software Applications using Java/Python & Machine learning in Finance, Telecom, IOT & Printing R&D domains.

- * Expertise in designing & developing large scale object oriented applications.
- * Hands on experience with building machine learning applications with NLP pipelines and well versed with NLP processes like PoS tagging, text contextual analysis, entity extraction, text classification & sentiment analysis.
- * Designed and developed production grade machine learning pipelines with emphasis on APIs, model training, model deployment and model evaluation.
- * Hands on experience in deploying deep learning models and have a very good understanding of various neural networks like RNN, LSTM & Transfer learning.
- * Hands on experience with cloud solutions like Amazon web services (AWS) & Google Cloud Platform (GCP).
- * Highly motivated, results oriented and leadership skills with great team ethics.

Work Experience

Balbix as Staff Engineer - AI - ML - Certified Tensorflow Developer
Sep 2020 to Till Date

Ofbusiness as Principal Engineer - AI - Machine learning - Python
Jun 2019 to Sep 2020

* Designed and developed a complete framework for building and deploying machine learning applications from scratch using AWS Serverless application model and libraries like Pandas, Scikit-learn, AWS Lambda, AWS Cloudwatch & AWS S3.

* Designed, developed & deployed a complete textual sentiment analysis service pipeline and also created APIs to make these sentiments visible on Dashboards. Sentiment analysis application was built around frameworks like NLP, Deep learning model (pytorch pre-trained BERT), Transfer learning, AWS Lambdas, AWS S3, Docker & Google Cloud BigQuery.

* Implemented a tender classification feature from scratch using NLP, TF-IDF and linear classification techniques. Also made this feature live on AWS Cloud.

- * Designed & Developed a spring cloud managed configuration system for Java based applications, this was done to ensure configurations are externalized and any confidential configurations are encrypted. This was developed using Spring cloud configuration server & client, Vault & AWS S3.
- * Mentor junior members in the team in vast areas of development cycle.
- * Perform code reviews on GIT for peers and provided constructive feedback.

Nokia as Lead Java Developer
Oct 2014 to Jun 2019

October 2014- March 2016 Senior Java Developer and Automation Expert
April 2016- June 2019 Lead Java Developer

- Prepare HLDs & LLDs before formal implementations including sequence & class diagrams using tools like PlantUML.
- * Implemented distributed application measurements system from scratch using open source tools like Prometheus.
 - * Implemented an application monitoring system for a virtually distributed application.
 - * Designed & Developed Disaster Recovery feature for Geo Redundant systems especially for the NoSQL Database (Aerospike).
 - * Designed & Developed a transactional layer in Java for NoSQL DB (Aerospike).
 - * Designed & Developed asynchronous CDR producer using Apache Kafka as a messaging layer.
 - * Working knowledge of Machine Learning techniques like Feature Engineering, EDA, Model Training, Model evaluation for classification problems.
 - * Mentor junior members in the team in vast areas of development cycle.
 - * Perform code reviews using Gerrit for peers and provided constructive feedbacks.

Hewlett Packard as Intermediate System Engineer
Aug 2010 to Dec 2013

- Actively participate in architectural discussions for high level designs.
- * Contribute in Designing & to some extent developing REST APIs.
 - * Write Java based frameworks for REST API automation using HTTP/Jersey clients.
 - * White box testing.

Education

UG: **B.Tech/B.E. (Electronics/Telecommunication)** from **Thapar university, Patiala, Punjab** in **2007**

Other Qualifications/Certifications/Programs:
Tensorflow Developer Certificate

IT Skills

Skill Name	Version	Last Used	Experience
Java/J2EE: Java JDK 1.7/1.8			
Git, Gradle, Gerrit, Maven & Jenkins			
Aerospike & MySQL			
Mac OS, Linux (RHEL 7.2) & Ubuntu 18.04			
Python 3+, scikit-learn, pytorch, pandas			
numpy, seaborn & matplotlib			

Languages Known

Language	Proficiency	Read	Write	Speak
English				

Hindi
Punjabi

Affirmative Action

Category: General
Physically Challenged: No

Work Authorization

Job Type: Permanent
Employment Status: Full time