RESUME: Girijesh Prasad

# <https://github.com/girijeshcse> Microsoft Certified: Azure AI Fundamentals - Credly Microsoft Certified: Azure Data Scientist Associate - Credly

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# Career Objective:

# A Python Engineer with Data Scientist and machine learning skills, having more than 11 years of IT industry experience, working as a *Senior Manager DataASG at FinTech giant Morgan Stanley*. I would like to build a career with leading corporate where I can use my knowledge & skills for the growth of the organization and work in a stimulating & diversified environment that would also help me to grow as an individual.

# Technical skills as Python Developer and Machine learning Engineer

* Worked as Data Scientist, now taking care of productionising the POC as Machine learning Engineer.
* ***Developing large scale software for analytics and Finance domain.***
* ***Taking care of overall ML system design with micro-services.***
* ***Knowledge of design principles, fundamentals of architecture, quality processes and estimation techniques; Experience in end-to-end execution of enterprise grade software***.
* **Leading a team of data scientists, python devOps and junior ML engineer.**
* Maintaining software engineering practices like high quality code, tests cases, logging and documentation.
* Experience with building high volume products that are highly available, scalable, and reliable on cloud platform; Experience in trouble shooting and resolving scalability challenges for existing apps.
* ***Azure certified AI Engineer and Data Scientist, also having hands on AWS Sage-maker.***
* NumPy for Numerical Data, Pandas for Data Analysis, Plotting with Matplotlib
* Statistical Plots with Seaborn, Web scrapping with python.
* ***Statistical modeling with Python, SciKit-Learn for Machine Learning***
* ***Worked on Semantic Search Engine, FAQ solution using NLP.***
* ***Working knowledge about Tensorflow and Keras for Deep Learning.***
* ***knowledge of deep learning methods including recurrent neural networks, Long short-term memory (LSTM) networks, recurrent neural networks, autoencoders.***
* Experience with deploying machine/deep learning solutions in the cloud
* Experience with Linux OS, Docker, Kubernetes, CI/CD and SRE principles.

# Experience:

*Senior Manager DataASG (Morgan Stanley since April 2020) and*

*Lead Engineer at Alten CalsoftLabs client 🡪Morgan Stanley (Aug 2018 to March 2020.)*

Developing large scale software and conducting statistical analysis of content and consumer web, demographic, behavioral, and transactional data in support of strategic initiatives, from very large datasets (both structured and unstructured) and build models to predict desired outcomes using machine learning and artificial intelligence techniques***.***

* Compute Capacity Planning for various Infrastructure project (Time series predictions)
* ***FAQ automation for various team (NLP and RNN)***
* Coordinate with project team/functional leads and stake holders for designing and implementation of analytics solutions as per project proposals.
* ***Ensuring compliance of non-functional attributes (stability, security, availability, performance, etc.) of the product to internal standards***
* Establishing and improving SDLC processes & ensure adherence to projects/products
* Built personalized and non-personalized Recommendations system for SOLV platform from scratch and efficiently serving more than 100,000 users on the platform.
* Created Browsing, and transaction behaviour based recommendation System using collaborative filtering,
* content-based filtering, TF-IDF, Word2Vec embeddings, approximate nearest neighbors, Scoring, and Re-ranking .
* Implemented Real-time Personalization using Embeddings for Search Ranking paper from AirBnb to improve search ranking and to provide personalized recommendations in real time.
* Prepare scripts to ensure proper data access, manipulation and reporting functions with Python programming languages for POC’s and project work.
* Project work covers all phases of conceptualization, assessment, planning, data acquisition, profiling, modeling, documentation, and presentation of findings/recommendations.
* Work with partners/clients in Data Engineering, Product, Programmatic and Ad Operations teams, to operationalize integration of analytic models into a production environment(s).
* Conduct exploratory analysis of data from internal or external sources, to surface interesting and valuable insights
* Optimized prebuild model of reducing customer churn using time based classification sampling

3.9 years of experience with Oracle India Pvt. Ltd. (Dec 2014 to Aug 2018)

* Build and deployed model for Oracle Public Cloud alert optimization which reduces alerts by 80% and reduced engineers time by 60% with sophisticated classifications machine learning algorithms.
* ***Build and deployed Oracle hardware failure detection model to automate MOS cases and field engineer work. Model based on classification ML.***
* Automatic ticket assignment based on NLP and RNN classification.
* Two years of experience in Magna Infotech for client NetApp Inc (July 2012 to July 2014)
* 5 months of work experience in Turning Point Software Solutions Pvt. Ltd.(March 2012 to July 2012)

Educational Qualification*:*

1. MBA (Big Data Analytics and Machine Learning) Jan 2021 – Dec 2022 CGPA: 8.5
2. B. TECH (CSE) (2007-2011) from RGTU62.84% aggregate.
3. Intermediate (2002) from BIEC, Patna63.44% aggregate
4. High School (2000) from BSEB, Patna75.71% aggregate.

Declaration:

I hereby declare that the above-mentioned information is correct up to my knowledge.

Place: Bangalore (Girijesh Prasad)