B

Bala Iyappa S

DOB **(14-05-93)**

+91-9600115514

sbalaiyappa@gmail.com

#10 Devaki ammal
street,
Shenoy Nagar
Chennai – 6000030
Tamilnadu.

SUMMARY

A Machine Learning Engineer passionate about technology and solving real word problems with an experience in limited datasets and developing new products.

SKILLS

- Proficient in machine learning and deep learning skills for multiple applications.
- Strong background in Mathematics, Statistics and have very good analytical and problem solving skills.
- Worked in Python using libraries NumPy, SciPy, Scikit-Learn and Pandas.
- Proficient in generating models and versioning in GIT.
- Worked in following algorithms - Regression (Linear / Huber / Lasso / Ridge), Logistic Regression, SVM, KNN, Random forest, Apriori, Eclat, PCA, Keras, CNN, RNN, Neural Network, Chat Bot, Natural language generation (NLG) & Natural Language Processing (NLP).
- Experience in Hypothesis testing using Chi Square, Correlation and Linear Regression for Analytics using SPSS in MBA Case study.
- Able to pick up new tools / technology / concepts quickly by taking ownership.
- Strong coding ability in producing clean and efficient code, as well as debugging and understanding large code bases.

PROJECT EXPERIENCE

- Twitter Sentiment Analysis of Movie Reviews using Machine Learning Techniques.
- Heart-disease-detection - Diagnosing heart disease by using Particle Swarms optimization algorithm for feature selection and random forest algorithm for detection.
- Performed different analysis using Regression (**Linear / Huber / Lasso / Ridge**).Worked on the usage of K-nearest neighbors algorithm (**K-NN**) to plot the decision boundaries for various classes.
- Worked with hierarchical system of convolutional neural networks (**CNN**) using MNIST & LFW datasets. Worked with Recurrent neural network (**RNN**) using Shakespeare's sonnets dataset.
- A study was performed in real time to determine customer's acceptance of electronic payments using online transactions. This was achieved with the following methods Percentage Analysis, Chi-Square, Correlation and Regression.

CITICORP SERVICES INDIA PVT LTD.

ROLE : BANKING ANALYST (May 2017 – At Present)

➢ Built ML models on banking customers to identify the churn score and focused on how frequent the client is using Citi services.
➢ Classify and Respond all swift messages based on wire transfers to other banks. This may include recall requests, more information, etc.
➢ Investigate and resolve payment issues returned to CPB or Nostro with agreed standards and protocols.
➢ Extensive knowledge of banking and regulatory policies like MIFT, KYC & DF Regulations.

TALPEO SOFTWARE SOLUTIONS PVT LTD.

ROLE : BUSINESS ANALYST (Jan 2017 – May 2017)

➢ Analyzed to help achieve Business Goals and meet customer needs.
➢ Helped in planning and designing business processes and made recommendations for improvement.
➢ Gathering, identifying and documenting business requirements.
➢ Explaining technical jargons to non-technical / commercial teams.

EDUCATION AND CERTIFICATIONS

➢ **Master of Business Administration** in **Technology Management** - (2016-2018).
➢ **Bachelor of Engineering** in **Electrical and Electronics Engineering** - (2012-2016).
➢ **Hindi M.A**., obtained through **Hindi Prachar Sabha**.
➢ **Sanskrit – Kovidha**., obtained through **Bharatiya Vidya Bhavan**.
➢ **Business English Certificate** - Preliminary, certified by University of Cambridge.

AREAS OF EXPERTISE

➢ Data Analyzing, Cleaning and Engineering.
➢ Taking ownership and delivering tasks on time.
➢ Strong co-ordination amongst cross functional teams.
➢ Quick Learner with good communication skills

I declare that all the information furnished above is true to the best of my knowledge.

S.BALA IYAPPA