Jainmiah Shaik

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Profile summary:	
	• **Data scientist** having 2+ years of experience in the field of Machine learning and Data science.
	• **Skilled in Machine learning** (Regression, Classification and Clustering), Data visualization, Computer vision, Image Processing, Feature Engineering, Artificial neural networks (ANN), Convolutional neural networks (CNN), Flask, Timeseries Forecasting, Association rule learning (ARL), A/B testing, Arima method, Statistical Analysis (like R2, Chi-square, Z-score Test, etc.) and Python.
	• **Currently**, working on building machine learning models based on the business Requirements.
	• **Working** closely with the customer to understand business requirements and deliverables.
	• **Actively** participated in many Kaggle and Analytics Vidhya competitions.
	• **Actively** participating in Tech Webinars, AI & ML forums.
	• **Additional** certifications from online courses in the field AI&ML
	• **Working closely** with the customer to understand business requirements and deliverables.
Technical Skills:	• **Libraries:** TensorFlow, Keras, Statsmodels, Scikit-learn, OpenCV, Seaborn, Matplotlib, Scipy
	• **Machine learning techniques:** Simple linear regression, Multi linear regression, Polynomial regression, Decision tree , Random forest , Logistic regression, K—Nearest Neighbours, Support Vector Machines, Naïve Bayes, Decision tree classification, Random forest classification, XGBoost (Bagging & Boosting Algorithms), K-means clustering, hierarchical clustering, PCA, ANN, CNN.
	• **Cloud:** Azure, Heroku.
	• **Data pre-processing:** Pandas, NumPy, SKlearn.
	• **Data visualisation:** Matplotlib, Seaborn

Major projects:	
Website Category Prediction (Networking):	**Description:** The project is all about real time prediction of category of a website (Text-Classification). Client is a Network Security Provider. The object is to detect the website category in real-time before the end-user browse it and in case the website belongs to one of the several blocked categories of Porn, Drugs, Violence. Etc then it should be blocked without granting the access. **Models Used:** Random Forest, Naïve Bayes, Logistic Regression.
Citation Reference Parsing (Book Publisher)	**Description:** Client is an E-book publisher and the project is about extracting the Named Entities from each of the Individual Authors details. The details like Book Name, Authors Name, Book Volume, published year, Page Numbers, Note,Genre, ...Etc. using Named Entity Recognition method. **Models Used:** Natural Language Processing, Spacy
Credit (Instant) Loan Approval:	**Description:** Real-time loan approval for Employees, Students with good credit score along with the criteria given by the client R&D. Once the required documents were verified, model has to approve the eligibility of loan for the customer or disapprove based on threshold criteria in real-time basis. **Models Used:** Light GBM Classifier, Extreme Gradient Boosting Classifier
Hobby Projects:	
Intraday Stock Picker (Fully Automatic)	**Description:** Using National Stock Exchange Eod data from 3rd Party data vendor predicting the next day best stock using simple High Low technique and posting the calls to the Telegram data using Telegram API and the project was deployed to Heroku as it was

Algo Trading (Fully Automatic) Fyers	free project the Heroku Dynos were limited. Link (@PremiumTrades) Telegram. **Description:** Using Fyers API, trading a stock in stock market (NSE India) Intraday. Building the pipelines from account authentication , balance checking, picking best stock for Intraday, calculating margin for stocks, calculating risk and placing orders, checking for pending orders, cancelling order on time..etc. This project was deployed to Heroku Cloud and project is active 24/7 as per the free Dyno hours.
Professional Experience:	**Ziafa Technologies Pvt.Ltd** (12-Nov-2018 (to) Till Date) My journey started as Data Scientist fresher and being a part of service-based company, many clients with challenging projects based on Web-Scraping, chatbot building, Text classification, Time-Series analysis. Under the guidance of SME's and the team, I have learnt many things
Certifications:	• Certified Data Science using Python – **Digita Vidya** • Master Data Analysis Using Python – **Data Camp** • Statistics Certification for Data Science **– Digital Vidya** • ML Masters and Deployment(00110) - **Inueron**
Achievements:	• National Workshop on **R-Programming** (In-Campus) • Nationall Workshop on **Data Analytics** (In-Campus) • National Workshop on **IoT** (IT-Hubs) • National Workshop on **GeopSpatial Technology Management** (In-Campus)

Educational details:	• **Masters in Data Science** (PG), 80.5%
	  - Rayalaseema University, 2016-2018
	
	• **Bachelor of Computer Applications** (UG) , 80.2%
	  - National Degree College, 2013-16
	
	• **Senior secondary school**, 61.0%
	  - Sri Sri Venkateswara Junior College, 2010-12
	
	• **Secondary schooling**, 76.6%
	  - The Gelivis Venkateswara Vidyalaya -2010

Declaration: I solemnly declare that all the information furnished in this document is free
of errors to the best of my knowledge.

Place : Bangalore   Date:
Name: Jainmiah Shaik