**RESUME**

Summary:

Data Scientist with Master in Computer Engineering 7+ Years of Experience in Software Development and Web Analytics Implementation and 3+ years of Experience Using Predictive Modelling, Data Processing, DataMining Algorithms,Natural language processing(NLP), hands-on experience leveraging machine learning, Deep Learning Models to Solve Challenging Business Problems.

Job Responsibility:

* Achievement-Driven Professional withaRelevant Experience of 3+ Years.
* Deep involvement in handling the Critical Deliverables, Benchmarking Solutions, Driving Key Metrics, Maintaining Productivity and ensuring Projects are Profitable.
* Experience in Statistics, Machine Learning & NLP and Python Methodologies.
* Experience in Visualization Tools Like Tableau Software, GoogleAnalytics, Adobe Analytics
* To understand the business use cases from clients and convert them into a well-defined problem statement and explain it to the development team.
* To Develop Algorithms and Predictive Models to Drive Insights and Business Values from Data
* To identify data sets required to develop predictive models for solving internal and external business problems
* Identify and implement use cases which might help the organization business development To interpret results and produce actionable business insights that
* lead to measurable business and consumer experience performance improvements
* Experience in building applications with Artificial Intelligence, Machine Learning, Deep Learning, Recurrent Neural Network, Computervision, NLP and Python.
* Worked on Deployment and optimization of various computer vision, Machine learning and NLP solution on web based application, Azure platform using kubernetes services and Raspberry pi.
* Designing the neural networks using Tensor flow for various internal projects within the company and working on Chatbots using NLP
* [Shawn Wang](https://github.com/sw-yx/sw-yx)

Technical Skills:

|  |  |
| --- | --- |
| **Skill** | **Technology worked on** |
| Domain | Marketing Analytics |
| Programming/Scripting | Python, JS |
| Tools/IDE | Pycharm, Pyspyder, Jupyter Notebook, Eclipse |
| Cloud | Google Cloud,Azure,AWS,GAIA ( Pivotal Cloud Foundry ) |
| Machine learning | Machine Learning,Data Analysis, Artificial intelligence, Natural Language Processing, Pandas, Scikit learn, Matplotlib, Python, Data Cleaning |
| Deep Learning/Computer vision | Tensorflow, keras, CNN, Faster CNN, RNN, RNN – LSTM, Vgg16, Resnet-50, Mobilenet, SSD, Harcascade, Tensorflow JS |
| Project Methodology | Agile SCRUM |
| Operating Systems | Windows, Ubuntu |
| Distribution | Cloudera |
| Hardware | Nvidia Tesla,Raspberry Pi 3b+ |
| Version Control | GIT, BIT BUCKET |
| Data Base | SQL,My SQL |

# Skils and Knowledge Areas:

|  |  |  |
| --- | --- | --- |
| **Development Tools** | **Expertise** | **Experience in Years** |
| Python Programming | Expert | 3+ Years |
| Machine Learning | Expert | 3+ Years |
| NLP – Natural Language Processing | Expert | 3+ Years |
| Data Visualization | Expert | 3+ Years |
| MYSQL | Expert | 3+ Years |
| AGILE, SCRUM Based Development | Expert | 3+ Years |
| Deep Learning | Intermediate | 1+ Years |
| Big Data | Intermediate | 1+ Years |
| Computer Vision | Intermediate | 1+ Years |

Tools and Libraries Used:

|  |  |  |
| --- | --- | --- |
| Numpy | Pandas | Stats Models |
| Scipy | Seaborn | Matplotlib |
| Scikit-learn | Jupyter Notebooks | Google Colab |
| NLTK | Tensorflow | Keras |
| Open CV | TextBlob | Tweepy |
| Gensim | Spacy | BeautifulSoup |

# Educational Summary:

* MBA from NIBM (National Institute of Business Management), Chennai with 84.19% (2017-2018) Tamil Nadu
* BCA from Bishop Heber College (Autonomous) Trichy with 64.17% (2004-2007) Tamil Nadu.

Professional Experience:

AssociatedwithZinavo Technologies-Bangalore2012 to Till Now

Zinavo Technologies, an ISO 9001-2008 certified company, extending its services in Software & IT Development Company in Bangalore, India

* Data Scientist From March 2016 to Till Now-3+ Years
* Digital Analytics Consultant From April 2014-March -2016-2 Year
* Digital Marketing Engineer From April 2012 –March-2014- 2 Years
* eee@ineuron.ai

**Accountabilities:**

* Core Python,Numpy,Pandas,Matplotlib,SCIKIT Learn, Tensor flow, Tableau
* Selecting features, building and optimizing classifiers using machine learning techniques
* Data mining using state-of-the-art methods
* Extending company’s data with third party sources of information when needed
* Enhancing data collection procedures to include information that is relevant for building analytic systems
* Processing, cleansing, and verifying the integrity of data used for analysis
* Doing ad-hoc analysis and presenting results in a clear manner
* Creating automated anomaly detection systems and constant tracking of its performance

Projects Summary:

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Client Name | Project Title | Technology | Roles | Durations |
| Zinavo | Customer Sales Predictions&Chat Bots Development  Google Add Click Predictions  Keywords Analysis | Python  Machine Learning  Data Visualization  Microsoft Luis  Dialog flow  NLP  Google Cloud  PredictiveModelling | Data Scientist | On Going |
| Altius Hospitals | Analysis of the Medical Records of individual’s Lung Capacity | Python  Machine Learning  Data Visualization  Matplotlib | Data Scientist | On Going |
| Tshirt Loot | Sentiment Analytics | Python  Naïve Bayes Algorithm  NLP | Data Scientist | 2017-2018 |
| Tripath Logistics | Transportation Supply Chain  Management System | Python  Machine Learning  Data Visualization  Matplotlib | Data Scientist | On Going |
| PRO FX | Market Basket Analysis | Python  Machine Learning  Data Visualization  Matplotlib | Data Scientist | 2017-2018 |
| Magical Nest Interior Designs Pvt.Ltd. | Ecommerce Products Recommendation System | Python  Machine Learning  Data Visualization  Matplotlib | Data Scientist | 2017-2018 |
| POC | Classification Problem | Python  Keras, Pandas, Numpy | Data Scientist | 2+ Years |
| POC | Object Detection | Deep Learning | Data Scientist | 2+ Years |
| POC | Human Activity Recognition using Machine Learning | Algorithms : Logistic Regression, KNeighborsClassifier, RandomForestClassifier | Data Scientist | 2+ Years |

[**linkedin.com/in/arun-aradhya**](https://www.linkedin.com/in/arun-aradhya)

**Declaration:**

I hereby declare that the above information is true and correct to the best of my knowledge and belief.

PLACE: Bangalore Yours Faithfully

DATE: (R.Nazar)

THANK YOU