**Chetan Hirapara**

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**CAREER OBJECTIVE**

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| A passionate data scientist having 8+ years of experience in Software Development and 3+ years of experience in predictive modelling, data processing, and data mining algorithms, NLP, leveraging hand-on experience to Machine Learning to solve challenging business problems. Strong background in Python and knowledge of various types of machine learning techniques. |
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**SUMMARY**

1. Good understanding of Data Analysis, Statistics, AI/ML techniques.
2. Extensive Model building experience with Machine Learning/AI algorithms for **Product and Financial developments**
3. Experience in creating mature **Data science pipelines** encompassing Data standardization, Feature extraction, model validation and optimization.
4. Working in **collaboration with Product Managers** to understand the challenges of any product developments and providing solutions using AI/ML techniques.
5. Experience with **Recommender systems** for product recommendation to the market.
6. In-depth knowledge of rich repertoire of **Regression, Classification, Clustering and Dimensionality reduction algorithms**
7. Experience in creating models using algorithms **Kernel-KNN, Decision Trees, Random-Forest, Gradient-Boosting and SVMs**
8. Clustering includes partitioning types **K-Means, Hierarchical and DBScan**.
9. Visualization experience with ggplot in R, seaborn and matplotlib in Python.
10. Fluency with both, R and Python for data-science investigations using different libraries such as **Dplyr, corrplot, data.table, caret** in R **& NumPy, SciPy, Pandas, Scikit-Learn** in Python.

 **TECHNICAL SKILLS**

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| --- | --- |
| Skill | Technology worked on |
| Programming /Scripting | Python, R, JavaScript |
| Tools /IDE | PyCharm, Pyspyder, Jupyter Notebook, R Studio |
| Machine Learning | Machine learning, Data Analysis, Data Wrangling Statistical modelling, Natural language Processing, Pandas, Scikit-learn, Matplotlib, Time series (Arima model) |
| Deep Learning | ANN, CNN, Faster CNN RNN – LSTM, |
| Version Control | Git, Bitbucket, Microsoft TFS |
| Cloud | Azure, AWS |
| Database | SQL, MySQL, MongoDB |
| Operating system | Windows, Linux |

Skills and Knowledge Areas

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| --- | --- | --- |
| Development tools | Expertise | Experience in years |
| Python Programming | Good | 3+ |
| Machine Learning | Good | 3+ |
| SQL | Good | 4+ |
| Agile/Scaled Agile methodology | Good | 6+ |
| Deep Learning | Intermediate | 1+ |
| Natural Language processing | Intermediate | 1+ |

**PROFESSIONAL EXPERIENCE**

* **Altimetrik India Private Limited (Sept 2016 –Till date)**

**Role : System engineer**

**Project 1 : Banking application monitoring.**

Involved in building an AI predictive modelling for monitoring bank application, it will help in checking the health status and monitoring the interface applications connected with the banking system, it Monitor and raises an alarm if there is any major issues within the application.

(Python, Random Forest, Convolutional Neural Networks (CNN), Keras, Tensorflow )

**Project 2 : Credit and Loan eligiblity score**

In this project, we built a model for analyzing the credit score and loan eligibility of the customers based on the previous transaction and KYC information with cognitive computing technologies with cross validation set and regression tools while filling the online application.

(Python,classification and regression model , neural networks)

* **Wipro Infotech (Dec 2015- Aug 2016)**

**Role: Application Engineer**

Project : Was involved in designing of chatbot with AI predictive modelling, neural networks and Machine learning techniques , The bot was used for conversational banking with quick TAT and helped customers with their KYC queries and transaction details in chat.

**EDUCATION**

* **Bachelor of Engineering - 2014-2015**

**Tontadarya college of Engineering ,Gadag,Karnataka**

* **Pre-University college – 2010**

**St.Aloysius PU College ,Harihar,Karnataka**

**EDUCATION**

* Spot Appreciation award – Oct 2017
* Certificate of Appreciation – Mar 2018
* Spot Appreciation Award – Feb 2019