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| **Dharmendra Singh**  Experience in executing full life-cycle development projects; ramping up projects within time, budget & quality parameters, as per project management & best practice guidelines, targeting assignments in **Data Science, Machine Learning and Deep Learning** with an organization of high repute  Location Preference: **Bengaluru, Delhi, Noida, Gurgaon** | | |
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| knowledge24x24icons Profile Summary   * **Achievement-driven professional** with an experience of **2 years.** * Experience in creating **Artificial Intelligence** applications **with Machine Learning, Deep Learning with Python.** * Skilled in libraries such as **Pytorch, Keras, Tensorflow, Sklearn, Numpy, Pandas, Matplotlib, Seaborn, PowerBI for Data Visualization.** * Extensive knowledge of working with **NoSQL databases like Mongo DB** and **SQL databases like MySQL and Oracle DB.** * **Additional skills of C, Java, JavaScript.** * Expertise in manipulating and analyzing complex, high-volume, high-dimensionality data from varying data sources and big data sources. | | |
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| core24x24icons Core Competencies   |  |  | | --- | --- | | **Data Science** |  | | **Machine Learning** |  | | **Artificial Neural Networks** |  | | **Convolutional Neural Networks** |  | | **Predictive Modelling** |  | | **Computer Vision & Image Processing** |  | | **Quantitative Analysis** |  | | **Deep Learning** |  | |  |  | |  | * Work Experience **Cognizant, Bengaluru Jan 2020- Nov 2021**   **Key Result Areas:**   * Working closely with business and engineering teams to encourage statistical best practices with respect to experimental design, data capture and data analysis. * Participating in Data Preprocessing Techniques in order to make data useful for creating Machine Learning Models. * Building various regression and classification algorithms by using various Sklearn libraries such as Linear Regression, Decision Trees, Ensemble techniques and Naïve Bayes’. * Drafting Machine Learning Models for test A/B content for clear decisions related to the products. * Contributing in Site core CMS web application development along MVC Java; creating various custom modules to fit the requirements. * Designing the neural networks using Tensorflow for various internal projects within the company such as automating Chatbot using NLP.   **Highlights:**   * Executed some internal projects as Data Analyst with using tools such as PowerBI for Data Visualization. * Recognized by managers, colleagues, and peers for innovation, communication, and teamwork to ensure quality, timely project completion.   **Projects:**  **Client: SAMLINK (Finnish Bank)** **Project Aim:** Automating the Customer Support Process And Product Reviews Sentiment Analysis.  **Technology:** Machine Learning, Python, Sklearn, Artificial Intelligence, Neural Networks, Keras, Tensorflow, Pytorch, PowerBI for Data Visualization, MongoDB, Big Data, AWS S3.  **Pipelines Created**:   1. Data Collection 2. Feature Engineering 3. Feature Selection 4. Model Creation 5. Model Hyper Parameter Tuning 6. Model Deployment using Cloud 7. Model Retraining Approach 8. Model Results Dashboard using Tableau or PowerBI   **Duration:** Aug-2020 to Feb 2021  **Role and Responsibilities:** Data Scientist  **Client: SBI Cards**  **Project Aim**: Architected and implemented Big Data in SBI card from scratch on Cloudera Platform. This activity involved connecting all the source system (**>29 system**) to Data Lake and creating Data Models which would contain all past and present data. More than 25 use cases being supported on the platform which derived profitability for Enterprise and minimizing cost through automation of various work flows using Cloudera Hadoop.  **Use Cases Supported**: 1. Real time Decline call/support – Build a model which supports real time call and message for declined transactions to save Cost. 2. Customer 360 – Created a Data Model inside Hadoop which captures 3000 parameters at customer level in one table and updates daily. 3. ML Dedupe – Model which decisions on Applications on real time for Carding. 4. Digital Collections : Restructure/Digital Settlement strategy running from Platform. 5. Regulatory Reporting 6. Spend Based Offer/Location based offer.  **Technology:** Machine Learning, Python, Sklearn, Artificial Intelligence, Neural Networks, Keras, Tensorflow, Pytorch, PowerBI for Data Visualization, MongoDB, Big Data, AWS S3.  **Pipelines Created**:   1. Data Collection 2. Feature Engineering 3. Feature Selection 4. Model Creation 5. Model Hyper Parameter Tuning 6. Model Deployment using Cloud 7. Model Retraining Approach 8. Model Results Dashboard using Tableau or PowerBI   **Duration:** Feb 2021 to Nov 2021  **Role and Responsibilities:** Data Scientist  edu24x24icons Education   * **B.Tech. (Electronics & Instrumentation Engineering)** from Krishna Institute of Engineering & technology, Ghaziabad, Dr. A P J Abdul Kalam Technical University, Lucknow in 2019.   Technical Skills  **Programming Languages**: Python, Machine Learning, Artificial Intelligence, Deep Neural Networks, Convolutional Neural Network, Sklearn Libraries.  **Databases:** Hadoop Cloudera, Mongo DB, MySQL, Oracle DB  **Platforms and Misc.:** Anaconda, Jupyter Notebook, MS Visio, MS Excel, MS Office |