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Summary

Data Scientist having 3 years of experience in predictive modelling, data processing, computer vision and machine learning algorithms to solve challenging business problems. Strong background in Python and knowledge of various types of machine learning techniques.

Professional Summary

- An analytical professional and innovative thinker with experience in using different technologies across different domains including building enterprise products.
- Hands on experience with Machine learning and optimization techniques.
- 2.5 years of experience in developing machine learning models, experience in Data Preparation, Exploratory Data Analysis, Predictive modelling, Machine Learning Techniques.
- Experience in building applications with Artificial Intelligence, Machine Learning, Deep Learning, Recurrent Neural Network, Computer vision, NLP and Python.
- Worked with developer team to identify the use cases for machine learning in enterprise product.

Technical Experience

Languages	Python 3. X, JavaScript, Typescript
Machine Learning Algorithm	Linear & Logistic Regression, SVM, Decision Tree, Random Forest, Bagging, boosting, clustering KNN, Naïve Bayes, NLP
Machine learning	Machine Learning, Data Analysis, Natural Language Processing, pandas, python, Data Cleaning, Hyper parameters tuning
Deep Learning/ Computer vision	CNN, RNN, Mobilenet , Inception
Project Methodology	Agile SCRUM
Operating Systems	Windows, Ubuntu
Version Control	Git, SVN

Project Details

PROJECT #1

Organization: **ITC InfoTech India Limited.**

Project name: Dot Service search portal.

Environment: Vs code, PyCharm, Azure Storage, Machine learning, Deep learning, Flask API, NLP.

Client: Simplify Health Care

Time: Mar 2021 to till.

Project Description: - Dot Service is a product of Simplify Health Care which is used by healthcare insurance company as an information search portal. Portal contains the information about the different healthcare insurance product and related document. It helps insurance company in product development and also in taking critical decision. Dot service is AI enabled search portal which do search best on ranking.

Role/Responsibility:

- Involved in Requirement gathering with various clients for various use case and Feasibility check for all the requirement with timeline.

- Working closely with business and data engineering teams to experimental design, data capture and data analysis.
- Participating in Data Pre-processing Techniques in order to make data useful for creating Machine Learning Models and NLP model.
- Building baseline models for the requirements with necessary data preparation.
- Building Flask API and deployment.

PROJECT #2

Organization: **ITC InfoTech India Limited.**

Project name: Sutter Health Cherwell ITSM Portal (Sutter Health, USA).

Environment: python3, Machine learning, Deep Learning, OpenCV, CNN

Client: Sutter Health USA.

Time: Mar 2019 to Feb 2020.

Project Description: - ITSM portal is Sutter health care internal portal which is used to request different type of service and asset. It contains analytics module, which is use the row data to solve the problem related to ticket automation. Lab report automation. Different type of machine learning technique is use to achieve the ticket automation. And deep learning is use to classify the lab report for batter customer satisfaction.

Role/Responsibility:

- Working closely with business and engineering teams for experimental design, data capture and data analysis.
- Working in collaboration with project managers and Business analyst to understand the challenges and provide a solution with ML and AI techniques.
- Participating in Data Pre-processing Techniques in order to make data useful for creating Machine Learning Models
- Use Computer vision transfer learning to solve the image classification problem.

PROJECT #3

Organization: **ITC InfoTech India Limited.**

Project name: Amadeus Dashboard development.

Environment: Flask web api, python3, Elasticsearch, AWS connect, Machine Learning, Kibana

Client: Amadeus

Time: Sep 2018 to Feb 2019.

Project Description: - Amadeus Dashboard plays a critical role in supporting and satisfying business reporting requirements. Project include full automated solution for row AWS connect data and build a robust dashboard in kibana and elastic search. Build custom machine learning model for wrap up code clustering and classification.

Role/Responsibility:

- Develop Flask Web Api for data layer.
- Participating in Data Pre-processing Techniques in order to make data useful for creating Machine Learning Models and dashboard.
- Build schedulers to push and take data from elastic search with the help of python.
- Building baseline models for the requirements with necessary data preparation.

Education Qualifications

- Passed **B. Tech (Information Technology)** From **Dr. B.C Roy Engineering college** Durgapur, affiliated to MAKAUT University, West Bengal and obtained 8.0 DGPI marks in the year 2018
- Passed Intermediate (10+2) from **Jawahar Navodaya Vidyalaya** Biraulli samastipur Bihar and scoring **73%** marks in the year 2013.
- Passed Matriculation from **Jawahar Navodaya Vidyalaya** Biraulli samastipur Bihar. Recognized from CBSE and scoring **91.2%** marks in the year 2011.