Sahaj Godhani *Python Developer | Data Analytics*

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CAREER OBJECTIVE

I have a total of three years and six months of professional experience as a Software Developer and worked as a Python with Data Analyst. Complex problem-solver with an analytical and driven mindset. Dedicated to achieving demands. To obtain a responsible position in the analytical field where I can apply my technical, managerial, and automation skills which can help me, my team, and the organization to work in a smarter way.

PROFESSIONAL SNAPSHOT

- Work Experience in Python Developer with Machine Learning, Data Analytics, and Data Visualization, SQL Server, and Android app developer.
- Experience in Software development to building heavy Mobile apps in Java. I also have worked as a Python with Restful APIs, Cloud, and Docker.
- Developing Backend and Front-end enhancement.
- In Projects did some Statistical Modelling / Machine Learning methods and Time series with hands-on experience handling data-driven decisions from different sources of data.
- Hands-on experience in building predictive models using Supervised and Unsupervised Machine learning algorithms: Regression, Classification, Clustering, and Natural language processing.
- Adept in Analytics and Data Mining of different sources of Data.
- A thorough professional with a proactive attitude, capable of thinking in & out of the box and deftness in imparting product and process training.
- An enterprising leader with excellent analytical, organizational, and interpersonal skills, quick learner, and effective communicator.

TECHNICAL SKILLS

- Programming Language: Python, Advance Python, JAVA
- Machine Learning libraries: SKlearn - Linear Model, Cross-validation, Pre-processing, Ensemble, OpenAI Matrix, Neighbours, Naïve Bayes, FeatureExteraction, stats model, XGboost, pandas, Spacy, Time Series Analysis, Numpy, NLP, NLTK, LSTM, ARIMA, and SARIMA, ChatGPT, LLM.
- Python Frameworks: Flask, Fast APIs.
- Database: SQL, Sqlite, and Bigquery
- Deployment: AWS, Docker, Git, MlOps, GCP, Heroku, and Streamlit.
- Cloud: GCP and AWS.
- Front-end tools: Android app development

Professional Experience

Experience in Python development working as a Python with data analysis. I effectively communicate meaningful insights through clear documentation, impactful visualizations, contextualized data, actionable insights, storytelling, and interactive elements.

Stochastic World Pty Ltd

2021/10 – 2023/05
Sydney, (Remote Job)

Python Developer || Data Analyst

Project Executed:

Biya Finance:

- Working as a Data Scientist on a Financial Services Project. As part of this project, It is based on live finance data.
- Worked as a backend developer. I have worked in Python, FastAPI, Google Cloud, Docker, Machine Learning Models, Rest API, SQL, Flask, and NLP.
- I collect data from Yahoo Finance or Polygon.io for stock and crypto data analysis. Also, I applied some of the machine learning models to the stock and crypto price prediction and got the best accuracy.
- After getting the best accuracy I also integrate it in the mobile app. Also deployed the Restful APIs on the cloud.

ExcelR Solutions

2021/03 – 2021/08
Bangalore, India

Data Science and Data Analyst Intern

Project Executed:

Data Science Salary Prediction:

- This is my self-learn project for data science. In this dataset, the target column is continuous random variables.
- In this dataset, I did EDA and feature selection.
- After that, I did data preprocessing and feature scaling and observe data pattern in the dataset.
- Applied some machine learning models like regression models, decision trees, random-forest, boosting models, and some stacking models as well with grid search cv to apply best hypo parameter as well in boosting techniques.
- I also explore Optuna getting some knowledge regarding that when I try to implement the xgboost modal on the dataset. And getting some best modal accuracy and going with that modal and applying it in the Machine
- Learning pipeline.

Zomato Time Prediction Project:

- In the Zomato dataset, the target column is continuous random variables. In this Zomato dataset, I did EDA and data visualization with encoding techniques.
- Here I also did some feature selection techniques.
- After that, I did some preprocessing and feature scaling on the dataset and did a machine-learning modal with a full Machine Learning pipeline.
- Here I used Linear Regression, Ridge, Lasso, Elasticnet, Decision Tree, and RandomForest Regressor for better accuracy and reduce overfitting.
- Here I also design frontend code for the user end.

- I also build a docker container for it and deploy it on AWS

Kavach Network Pvt Ltd

2019/06 – 2021/03
Bangalore, India

Associate Android Developer

Project Executed:

Product Base and Service Base:

- Worked as A Android App Developer on an E-Commerce project. As part of this project.
- Built a mobile application.
- Worked as a fronted developer. Used in JAVA, API Integration, Map Integration, Social Integration, Payment Gateway, and Firebase Integration.
- Worked on all Features like Product list, Add to Cart, User Register and Login, Seller Login, Social Integration, Payment Gateway or etc.

Projects

Finance Project For Stock Market Prediction:

- I just explore the strategies for getting knowledge about the dataset.
- Here I am taking three open market datasets and combining them in one for prediction.
- Here I am using the US market, Asia Market, and Europe market data for next-day Asian market prediction.
- I also apply some statistical formulas like hypothesis testing, and F test to know
- whether the data is normally distributed or not.
- Also doing forecasting Analysis checking trends and seasonality over there.
- Worked on future price prediction with yahoo finance data.

Predictive Modeling Project:

- In this Project, I explored their dataset and did multiple Python and pandas operations to fill with null and unstructured values.
- Then I did some numpy calculations and Python functions to generate their desired output.
- There I have to show the output on the basis of 5 highest values and 5 lowest values with their reasons which are provided in another dataset.
- Second Phase I did the implementation of a machine learning modal to get the prediction for the score and define one range in the backend and show output as low and high with the reasons.
- On this dataset, I perform EDA and feature selection techniques.
- Perform preprocessing and feature scaling then apply machine learning models on the dataset.

Awards

2021/07 **Certified Data Scientist**
ExcelR Solutions

2021/08 **Certificate For Text Analytics**
IBM

Education

2017/06 – 2019/04
Jaipur, India

Master of Computer Application
Jaipur National University
Computer Science and Application

2014/06 – 2017/04
Surat, India

Bachelor of Computer Application
Veer Narmad South Gujarat University
Computer Science and Application

Languages

- English
- Hindi

Declaration

I hereby declare that all the information provided here is correct to the best of my knowledge and belief.

Sahaj Godhani