

# Indra kumar

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## Summary

Experienced data scientist with a strong background in statistical modeling, machine learning, and data visualization. Skilled in Python and R programming languages and proficient in SQL. Able to work collaboratively with cross-functional teams to identify business needs and develop data-driven solutions that improve decision-making. Recognized for developing predictive models that have increased revenue and reduced costs for clients in various industries.

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## Experience

### Solar Secure Ltd.

Data Science Intern, Work From Home

01/2023 - 03/2023

- Worked in collaboration with the senior project manager to define project goals and completed the **Chronic Kidney Diseases** End-to-End Machine Learning project.
- To use the Random forest regression to gain the highest accuracy above all the ML algorithms. i.e. Linear Regression, Decision Tree and KNN.
- To use Azure, AWS, and Docker platforms for Deployment.

### Chronic\_Diseases\_prediction\_by\_ML

Project

10/2022 - 01/2023

Chronic diseases such as heart disease, cancer, and diabetes are the leading causes of death and disability in the World.

- To pre-Processors the data of 401 Records and 13 Features.
- To build and Train a Machine Learning Model using Decision Tree Classification, Random Forest Classification, Naive Bayes Classification and KNN Classification.
- To find the accuracy of the Model Prediction using Classification Reports, Confusion Matrix, Mean Square Error, Mean Absolute Error and Root Mean Square Error.

### Flight\_Fare\_Prediction\_ML

Project

01/2023 - 03/2023

To determine the ideal purchase time for flight tickets. Their project aims to develop an application that will predict the flight prices for various flights using a machine-learning model.

- To pre-Processors the data of 10 Thousand Records and 11 Features.
- To build and Train a Machine Learning Model using, Random Forest Classification which gives the highest accuracy.
- To find the accuracy of the Model Prediction using Classification Reports, Confusion Matrix, Mean Square Error, Mean Absolute Error and Root Mean Square Error.

### Helath Insurance Premium Prediction

Internship Trainee

05/2023 - 06/2023

The premium is the amount of money an individual or employer pays to an insurance company to maintain health insurance coverage.

- To pre-Processors the data of one Thousand three Records and 10 Features.
- To build and Train a Machine Learning Model using, Random Forest Classification which gives the highest accuracy.

- To find the accuracy of the Model Prediction using Classification Reports, Confusion Matrix, Mean Square Error, Mean Absolute Error and Root Mean Square Error.

## **Tatvic Analytics Pvt Ltd**

Technical Analyst, Ahmedabad, Gujarat

05/2021 - 04/2022

- we used **Google Tag Manager** and **Google Analytics**, **google optimizer** tools for analyzing user traffic, behavior, and business marketing (E-commerce), and many more related on their websites.
- Cultivated and maintained up-to-date industry and technical knowledge of all related fields to better solve customer issues.
- Supported clients with technical resources, adding to success in sales.

## **Foundation of Data Science at IIT Madras, One Fourth Lab**

Certificate

03/2022 - 03/2023

## **Full Stack Data Science BootCamp at iNeuron.ai**

Certificate

03/2022

## **Master Advanced Excel Data & Analytics Skills LinkedIn Learning Certificate**

Certificate

01/2021 - 02/2021

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## **Education**

### **Bachelor of Computer Science**

Parul University, Ahmedabad, Gujarat

05/2020

### **Higher Secondary School**

Saraswati Vidya Mandir Sindri, Sindri Dhanbad, Jharkhand

05/2015

### **Secondary School Certificate**

Saraswati Vidya Mandir Sindri, Sindri dhanbad, Jharkhand

03/2013

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## **Skills**

Machine Learning, Predictive Modeling, Data Analysis, Python, Scikit learn, Microsoft Power BI, Deep Learning, Data Visualization, SQL, Natural Language Processing

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## **Languages**

English, Hindi

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## **Hobbies**

playing Chess, stay fit and healthy body, e-Sports games.