

# Sachin Hiremath

Imagine. Believe. Achieve.



📍 Bengaluru, India

✉️ sachinvh12@gmail.com

☎️ +917892953112

🖱️ <https://sachinvh12.github.io/>

🌐 <https://www.linkedin.com/in/sachin-hiremath/>

🔗 <https://www.github.com/Sachinvh12>

## 🎓 EDUCATION

Aug 2016 – Aug 2020

**Nitte Meenakshi Institute of Technology - 8.85/10 CGPA**

*B.E in Information Science and Engineering*

May 2015 – May 2016

**Narayana PU College**

*12th - 83.3%*

Apr 2013 – Apr 2014

**Kendriya Vidyalaya Hebbal**

*10th - 9.4/10 CGPA*

## 💼 PROFESSIONAL EXPERIENCE

Jun 2021 – Feb 2022

**SAP Labs India**

*Developer Associate*

- Trained under various technologies including SAP UI5 and Fiori elements, SAP ABAP and CDS Views. Engaged in solving customer incidents and deliver the memo at earliest.

Nov 2020 – Jun 2021

**Accenture Solutions Pvt. Ltd.**

*Application Development Associate*

- Trained under various technologies including Java, SQL and front-end web technologies.
- Specialized training track on C# and .NET framework.
- Involved in Duck Creek Development for Insurance industries.

Jan 2020 – Jun 2020

**Numerify ( Now Digital.ai)**

*Intern - Advanced Analytics*

- Part of Numerify delivery team - Advanced Analytics. Handling large amounts of data to provide useful insights.
- Part of IT Change Risk Prediction Solution - Reduce change failure rates and change - related incidents and MTTR by not only predicting risky changes but identifying risk factors that teams can use to proactively mitigate risk.
- Worked with technologies such as Python, MySQL, MS Excel and Tableau dashboards.

Jun 2019 – Jul 2019

**Mindmatrix.io**

*Intern - Machine Learning*

- Built a weather forecasting model on Delhi weather data to making predictions of the future, based on past and present data of the weather.
- ARIMA model (Auto Regressive Integrated Moving Average) was used to analyze and predict the time series data and rigorous exploratory data analysis and visualizations was performed on the dataset.

## 🧠 SKILLS

**Programming Skills :**

C, C++, Java, Python, HTML, CSS, JavaScript, MySQL.

**Miscellaneous skills:**

MS Excel, Power BI, Machine Learning, Data Analysis, Agile Development (Scrum), JIRA.

**Technical skills :**

Git, Computer Networking, Operating System, Linux, DBMS.

**Languages:**

English, Kannada, Hindi.

## PROJECTS

### Heart Risk Prediction.

*Machine Learning, Deep Learning, Web Development.*

- A website built using Flask framework to predict if a person has a risk of heart disease occurrence using scientific parameters.
- Various machine learning algorithms have been used including Logistic Regression, Random Forest classifier and Artificial Neural Networks.
- Achieved accuracy of 99.02% using Artificial Neural Networks (ANN).

### Image classification of various animals using CNN.

*Deep Learning.*

- Usage of Convolution Neural Network (CNN) to detect images of various animals and classify them. This was a classification problem with 10 classes(multi-label classification).
- Usage of 16 hidden layers resulting in total trainable parameters of 1,250,858.
- Achieved test accuracy of 94%.

### Data Visualization on Bengaluru restaurants.

*Dashboarding.*

- Data Visualization dashboard on Bengaluru Restaurants with zomato data using Power BI.
- It is to get a fair idea about the factors affecting the establishment of different types of restaurant at different places in Bengaluru, aggregate rating of each restaurant, etc.
- Fun analysis : Best value restaurant in Bengaluru: Brahmin's coffee bar ( based on reviews and cost ).

### Web Application for smart notice board management.

*Web Development.*

- A responsive website to manage notice board online using HTML, CSS, JavaScript for Frontend and Backend with MySQL for database management.

### House prices prediction.

*Machine Learning.*

- Prediction of house prices of US using Decision Tree Regressor.
- Achieved r2 score of 0.69.
- Achieved rmse score of 0.028.

### Movie Recommendation.

*Machine learning.*

- Recommending similar movies based on cosine similarities of various movies using TMDB\_5000 dataset.

### Comic Store

*Web development.*

- A front end application where a user can view comics available in the store - built using HTML,CSS and JavaScript and leveraging the use of flexbox.

### Listing daily trends based on news.

*Web scraping.*

- Extracting news articles from newsapi website using their provided API and extracting news trends from it.

## CERTIFICATES

- Udacity Nanodegree Graduation Certificate - AWS machine learning fundamentals.
- Advanced SQL for Data Scientists - LinkedIn.
- Google Analytics for Beginners - Google.
- Introduction to Time Series Analysis in Python - DataCamp.
- Learning Data Science: Tell Stories With Data.
- Introduction to Data Analysis Using Excel - Coursera
- UML and Object-Oriented Design Foundations - Udemy.
- Learn Git: Everything You Need To Know - Udemy.
- Time Series Analysis in Python - DataCamp.
- The Bits and Bytes of Computer Networking - Coursera.
- Certificate of Excellence at a 5 - week Data Science Foundation Bootcamp - Dphi.
- Introduction to Data Analysis Using Excel - Coursera.
- Scrum: The Basics.
- Marketing Analytics - Coursera.
- Google Analytics for Beginners - Google.
- Java (intermediate) - HackerRank.
- Intermediate Python - DataCamp.
- PM Bootcamp Scholarship Challenge - Master's Union.