# SACHIN HIREMATH

## Associate Software Engineer

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# EXPERIENCE

### Application Development Associate

**Accenture**

📅 Nov 2020 – Present    📍 Bengaluru, India.

- 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.

### Intern - Advanced Analytics

**Numerify**

📅 Feb 2020 - Jul 2020    📍 Bengaluru, India.

- 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.
- Responsibility to build machine learning model on top of the change tables and to improve the models.
- Involved in keyword processing to understand how often a change/incident is described in the tables.

### Intern - Machine Learning

**Mindmatrix.io**

📅 Jun 2019 – Jul 2019    📍 Bengaluru, India.

- Forecasting weather of a city, i.e. 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

- **Technical Skills :** C, C++, Java, Python, HTML, CSS, JavaScript.
- **Communication Languages :** English, Hindi, Kannada.
- **Miscellaneous :** Git, Operating System, Linux.

# EDUCATION / COURSES

### B.E in Information Science and Engineering

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

📅 Aug 2016 – Aug 2020    📍 Bengaluru,India.

### 12th

**Narayana PU College - 83.3%**

📅 May 2015 – May 2016    📍 Bengaluru,India.

### 10th

**Kendriya Vidyalaya Hebbal - 9.4/10 CGPA**

📅 Mar 2013 – Apr 2014    📍 Bengaluru,India.

# PROJECTS

**Heart Risk Prediction.**

- 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).

**Data Visualization on Bengaluru restaurants.**

- 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.**

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

**Image classification of various animals using CNN.**

- 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%.

# CERTIFICATIONS

- Udacity Nanodegree Graduation Certificate - AWS machine learning fundamentals.
- Advanced SQL for Data Scientists - LinkedIn.
- Certificate of Excellence at a 5 - week Data Science Foundation Bootcamp - Dphi.
- Learning Data Science: Tell Stories With Data - LinkedIn.
- Google Analytics for Beginners - Google.
- Data Analytics Essentials with Power BI - Udemy.
- Marketing Analytics - Coursera.
- Introduction to Data Analysis Using Excel - Coursera.
- Introduction to Time Series Analysis in Python - DataCamp.