

# SWAPNIL POWAR

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## WORK EXPERIENCE

### Data Analyst at Pacecom Technologies Pvt Ltd. (Bangalore)

May 2019 - Present

• **Projects Worked On** :- Daimler and Subaru • **Tool Used** :- GTA and Yam

Worked on Advance Driver Assistance System for vehicle detection, lane detection and classification for driverless vehicles. Responsible for Analyzing data collected from Radar sensor for building active safety products.

## EDUCATION

### Dayananda Sagar Institutions Bangalore.

July 2018

BTech in Computer Science Engineering. (VTU)

Percentage : 60.43/100

### Govt. Polytechnic Athani.

May 2015

Diploma in Computer Science Engineering. (DTE)

Percentage : 69.76/100

### Shri GMS High School Shripewadi.

April 2010

SSLC (KSEEB)

Percentage : 68.96/100

## TECHNICAL SKILLS

- **Programming Languages** :- C, Python, Java and JavaScript.
- **Tools/Frameworks** :- MySQL, CSS3, Angular, Spring, Django, Git, OpenCV, MsExcel, JQuery, LATEX.
- **Operating System** :- Windows , Linux and Android.
- **Area of Interest** :- DS and Algorithms, Databases and Machine Learning.
- **Mobile Application Development** :- Basics of Android SDK.

## PROJECTS

- **All projects available on git** :- <https://github.com/Swapnil-Powar>
- **Face Recognition System** :- Applied K Nearest Neighbour classification algorithm in face recognition using OpenCV and HaarCascades CNN Model for frontal face detection. **Tech Stack** :- Python, ML(KNN), OpenCV.
- **Handwritten Digit Recognition** :- Applied K Nearest Neighbours Algorithm in recognizing handwritten digits (0 to 9) from the MNIST dataset. Developed a system from scratch which includes a machine to understand and classify the images of handwritten digits as 10 digits (0-9). Accuracy of the model was around 98 percent. **Tech Stack** :- Python, ML(KNN), OpenCV, MNIST Database.
- **Air Quality Prediction** :- Predicted Pollution Levels by building linear regression model, designed a machine learning model which can predict the air quality index. **Tech Stack** :- Python, ML (Linear Regression).
- **Student Admission System** :- Created a web application for Student admission system. This application supports the student admission and registration process, the maintenance of student personal, academic and fee related data. **Tech Stack** :- Java, MySQL(Database).
- **Diabetes Classification** :- Build a classifier using Logistic Regression which can classify if a person is diabetic or not, based on some features. Performed exploratory data analysis on health to gain the domain knowledge and built a binary classifier. **Tech Stack** :- Python, ML (Logistic Regression).

## ACHIEVEMENTS AND EXTRA-CURRICULAR ACTIVITIES

- Keen interest in online coding events and Active participation on online competitive coding websites. Such as **Interviewbit(Reached Level 6)**, HackerRank, HackerEarth, LeetCode and CodeChef. (**Solved over 300 problems** on all coding platform.) **Member Handle : Swapnil-Powar.**
- Have developed the entire Website of **Freedom movement in India** on college intranet.
- Attended workshop on **AngularJS** and **HTML5** organized by Zenrays Technologies, Bangalore.
- Attended workshop on **Web Development** with **AngularJS** organized by DSI, Bangalore.
- **Relevant Courses** :- Machine Learning, Data Structure and Algorithms, Database, Design and Analysis of Algorithms, Web Technologies and Application.
- **Hobbies** :- Solving Puzzles, Coding and Playing Cricket.

## DECLARATION

I hereby declare that all the information given by me in this Resume is true and correct to the best of my knowledge and belief.

Date :-

Place :-

Signature