

# SACHIN

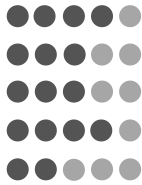
B.Tech in Data Science - 3rd Year

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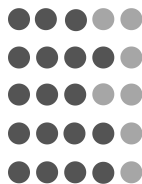
## SKILLS

- Python
- C
- Java
- SQL
- Scala



## SOFT SKILLS

- Communication
- Leadership
- Critical Thinking
- Collaboration
- Team Work



## TOOLS & TECHNOLOGIES

- Machine Learning
- Data pre-processing
- Deep Learning
- Web-Scraping
- Data visualization
- IBM Watson Studio
- Git and Github
- Tableau
- Business Intelligent Tools

## COMMUNITY WORK

- Contributed to Microsoft Repository
- Arrange Data Science BOOTCAMP for 1st and 2nd-year students.
- Write blogs on blogger and medium.
- 15,000 plus views on blogger.

## STRENGTHS

- Focused and Passionate while coding or analytics work
- Keen problem solver .
- Self-learner.
- Can manage time efficiently.
- Learning enthusiastic.

## HOBBIES

- Indian Classical Tabla
- To Listening Songs and Reading Books
- Swimming, Outdoor Games: Cricket.
- Love to acquire Finance, Economics, and Indian History knowledge,

## PROFESSIONAL PROFILES

**GitHub:** github.com/SachinDabhade

**Linkedin:** www.linkedin.com/in/sachin-dabhade-84b9a61b5/

**Personal Blog:** medium.com/@sachindabhade1922

## EDUCATION

**B.Tech in Data Science (2021 - 2024)**

R. C. Patel Institute of Technology, Shirpur, Dist- Dhule.

CGPA: 8.02

**Nano-Degree (Sept - Present)**

**Python for Artificial Intelligence**

AWS DeepRacer Scholarship for a competition where I trained a Deep Learning model and maximize Reward Function of car.

## HACKATHONS

**Smart India Hackathon 2022 Grand Finalist (Sept-2022)**

- **Summary:**

1. **Problem Statement:** Moving Vehicle Registration Plate Detection
  2. Make a Deep Learning Model for number plate detection in python by using the **YOLOv7** Algorithm.
  3. Also, use an Optical Character Recognition API for extracting text from the detected number plates.
- *Accuracy: Training: 99% || Testing: 98%*

**Hacky Holi College Hackathon - Rank 2nd (March-2022)**

- **Summary:**

1. It's a pre-hackathon (Internal Hackathon) for the selection of Smart India Hackathon 2022
  2. Used the image filtering technique for detecting the location of the number plate on moving vehicles.
  3. Hold 2nd Rank in College after qualifying two rounds.
- *Accuracy: Training: 82% || Testing: 80%*

## OPENSOURCE CONTRIBUTIONS

**Open-Force 2022 Opensource Contribution (March-2022)**

- **Summary:**

1. Ranked in the **Top-50** contributor at OpenForce 2022.
  2. Make PRs in the Microsoft repository during the project work.
- **Tech-Stack:** Python, Development, Documentation, Teamwork, Language Translation, Git and GitHub, etc.

**GSSoC 2022 Opensource Contribution (April-2022)**

- **Summary:**

1. Documentation of the program in the readme file.
  2. Terminal-based exercises and programs contribution.
- **Tech-Stack:** Python Programming, Communication, Documentation, Teamwork, Git and GitHub, etc.

**HacktoberFest 2022 Contribution (October-2022)**

- **Summary:**

1. Opensource contribution to open-source projects.
  2. Contribute to more than 7 repositories and total 5 successful PRs
- **Tech-Stack:** Python Programming, Communication, Documentation, Teamwork, Git and GitHub, etc.

## PROJECTS

### Moving Vehicle Registration Plate Detection using Deep Learning

- **Summary:**

1. It's a moving vehicle number plate detection that can detect and recognize the text from a moving vehicle.
2. **YOLOv7** model is used for the project which gives us **99%** accuracy on the training dataset and **98%** accuracy on the testing dataset.
3. Number Plate recognizer API is used for Optical Character Recognition that tends to text extraction.
4. It's a Hackathon project for Smart India Hackathon 2022 Grand Finale in Software Edition.

- **Tech-Stack:** Python, Deep Learning, Machine Learning, Data Cleaning, Image Processing, Web-Technology, Java for application development, Text OCR, etc.

### Student Attendance System with Data Visualization

- **Summary:**

1. It's a Terminal based program for collecting students' attendance named *Student Attendance System with Data Visualization*.
2. It is our 3rd Semester final project that can take students' attendance and visualize them in simple visualization and graphs.
3. It's based on the subjects like 'Statistics for Data Science', 'Foundation of Data Analysis', 'DataBase Management System', 'Data Structures and Algorithms', etc.

- **Tech-Stack:** Python, Data Visualization with matplotlib and seaborn, Data Cleaning, DataBase Management, MYSQL, Backend with SQL, etc

### Movie Review Sentiment Analysis

- **Summary:**

1. It's a sentiment analysis program trained specially to segregate the behavior of customers in the theater.
2. Basically, the reviews are separated into Positive, Negative, and Neutral reviews according to the language used during the movie review.
3. Natural Language ToolKit is used in python for Sentiment Analysis purposes.

- **Tech-Stack:** Python, Machine Learning, Natural Language ToolKit (NLTK), Data Cleaning, etc.

## COURSES AND CERTIFICATIONS

### IBM Data Science Professional Certificate

(June - Present)

- Learn about Data Science, Model Building, Data Cleaning, Data Visualization, Data Science Life Cycle, etc.
- Duration: 6-Month (10 Courses in 1 Professional Course)

### Google Data Analysis Professional Certificate

(August - Present)

- Learn about Data Analysis, Exploratory Data Analysis, Data Visualization, Life Cycle of Data Analysis, etc
- Duration: 6-Month (8 Courses in 1 Professional Course)

## ACHIEVEMENTS

### Indian Classical Tabla - 3 years with A grade

(2018-2020)

- Certificated by "AKHIL BHARTIYA GANDHARVA MAHAVIDYALAYA MANDAL".
- Skills and Learning - Tabla Instrumentalist, self confidence, etc.

### Organized Data Science BOOTCAMP for 1st and 2nd Year Students

(June-2022)

- Organized a Python and Data Science BOOTCAMP for 1st and 2nd year Students.
- Skills and Learning - Communication, Time Management, Leadership, etc.

## ROLES AND RESPONSIBILITIES

### Brand Ambassador of RCPIT and Intel

(2021-Present)

- Work - Marketing, branding, and promoting our college brand.

### Member of Rahat Event and Blood Donation

(2021-2022)

- Work - Social work that can be useful for the society.

### Team Leader of Team DHANUSH (Hackathon)

(2022)

- Lead the Hackathon team for Smart India Hackathon and College's Internal Hackathon.
- Skills and Learning - Team Building, Leadership, Communication, etc.