

# SACHIN

B.Tech in Data Science - 4th Year

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## SKILLS

- Python
- Java
- Scala
- SQL

## SOFT SKILLS

- Communication
- Leadership
- Critical Thinking
- Time Management
- Team Work

## TOOLS & TECHNOLOGIES

- Machine Learning
- Data pre-processing
- Deep Learning
- Web-Scraping
- Data visualization
- Feature Engineering
- Git and Github
- Tableau
- AWS and GCP Cloud

## 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
- Listening Songs
- Swimming
- Travelling and Trekking
- Finance and Economy Case Studies
- Reading Indian History Books
- Programming

## PROFESSIONAL PROFILES

**GitHub:** [www.github.com/SachinDabhade](https://github.com/SachinDabhade)

**Linkedin:** [www.linkedin.com/in/sachin-dabhade-84b9a61b5/](https://www.linkedin.com/in/sachin-dabhade-84b9a61b5/)

**Portfolio:** <https://sachindabhade.github.io/>

## EDUCATION

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

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

CGPA: 8.44 (6th sem)

**Nano-Degree (Sept'22 - Jan'23)**

**Python for Artificial Intelligence**

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

## HACKATHONS

**SUNHACK-International Level Hackathon (Nov-2022)**

• **Summary:**

1. 2-Days International Level Hackathon in Software Edition.
2. Happiness Index Increasing Project based on ML and DL.

• *Accuracy: Training: 85% || Testing: 84%*

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

• **Summary:**

1. **Problem Statement:** Moving Vehicle Registration Plate Detection
2. Deep Learning for number plate detection using the **YOLOv7** Algo.

• *Accuracy: Training: 95% || Testing: 94%*

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

• **Summary:**

1. It's a hackathon (Internal Hackathon) for the selection of Smart India Hackathon 2022
2. 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. Detect and recognize the text from a moving vehicle.
2. **YOLOv7** model is used for the project which gives us **95%** accuracy on the training dataset and **94%** accuracy on the testing dataset.
3. Optical Characteristics Recognition is used by Number Plate Recognizer API.

- **Tech-Stack:** Python, Deep Learning, Machine Learning, Image Processing, Flask, API, etc.

### Student Attendance System with Data Visualization

- **Summary:**

1. Attendance system with easy-to-understand data visualization using python.
2. Subjects used as 'Statistics for Data Science', 'Foundation of Data Analysis', 'DataBase Management Systems', 'Data Structures and Algorithms', etc.

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

### Customer Segmentation and Sentiment Analysis

- **Summary:**

1. It segregates the user on the purchase behavior of customers using the k-means algorithm.
2. Get a review from the user on the purchased products and analysis the review is positive, negative, or neutral.
3. Returns the feedback sentiments of a product with probability.

- **Tech-Stack:** Python, Flask, Machine Learning, Transformer Sentiment Analysis Pipeline, Bootstrap, 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)

### DataCamp Data Science with Python

(May'23)

- Learn about Data Science, Python, Data Visualization, Data Cleaning, Pandas, Numpy, OOPs, etc
- Duration: 3-Month

## ROLES AND RESPONSIBILITIES

### Club Head of Data Polaris

(2021-Present)

- Lead as a Head for Data Science and AIML official club of Department.

### 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)

(August-2022)

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

## 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 a Bootcamp in college

(June-2022)

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