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
- 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
- Listening Songs
- Swimming
- Outdoor Games: Cricket
- Finance and Economy Case Studies
- Indian History
- Programming

PROFESSIONAL PROFILES

GitHub: www.github.com/SachinDabhade
Linkedin: 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: 8.02

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: 99% ‖ Testing: 98%*

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 **99%** accuracy on the training dataset and **98%** accuracy on the testing dataset.
  3. Optical Characteristics Recognition is used by Number Plate Recognizer API.
- **Tech-Stack:** Python, Deep Learning, Machin 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-mears 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)

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 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.

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 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.