



Name : ARJUN PAWAR
Role : Data Scientist
Experience : 4+ Years
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SUMMARY

4+ Years of Experience in **Data Science and Machine Learning** Domain. Corporate experience in data science including profound experience & expertise on statistical data analysis such as transforming business requirements into analytical model, designing algorithms and strategic solutions that scales across massive volumes of data.

- A professional with **4+ years** of experience in **Python, Data Science and Machine learning** with expertise in **Commercial, Automotive, Healthcare, Insurance & Finance domain, GenAi** projects.
- Proficient in investigating Data Visualization and summarization techniques conveying key findings.
- Experience in communicating findings and obstacles to team members to achieve the best approach.
- Ability to write clean and production code with **Object Oriented Programming in Python**.
- Thorough understanding of **Probability and Statistics, Bayesian methods**.
- Experience in data management tools - **Relational and SQL databases**.
- Knowledge of **Python's Data Analysis and Machine Learning Libraries**.
- Well versed with implementation of regularization techniques like **Lasso and Ridge in regression**.
- Skilled in developing Algorithms using **Text and Template Matching Techniques**.
- Source code management and Version Control system using **Git and GitHub**.
- Strong communication and interpersonal skills. **Ability to interact with Clients. Team Handling Experience of Team Size 4 Members.**

TECHNICAL PROFICIENCIES

Languages	Python
Web stack (API)	Flask
Operating Systems	Linux, Windows.
Cloud Platforms/Services	AWS, GCP, AZURE
Database	SQLite, Mongoddb.
Python/ML Packages	NumPy, Pandas, Sci-py, Scikit-learn, Seaborn, Matplotlib, Date Time, Power BI, Tableau, Tensor Flow, Keras, Pytorch, Time Series, Regular Expression (Regex), OCR, Computer Vision.
Machine learning	Linear Regression, Ridge & Lasso Regression, Logistic Regression, Naive Bayes, K Nearest Neighbor's, Support Vector Machine, Decision Tree, Random Forest, Gradient Descent, Ada-Boost, Gradient Boosting, XG-Boost, K Means Clustering, Reinforcement Learning, PCA, Maths & Statistics.
Text Processing & Deep Learning	Natural Language Processing (NLP), NLTK, Term Frequency-Inverse Document Frequency (TF-IDF), Word2Vec, Bag of Words. Neural Networks, Forward And Backword Propagation, Optimization Function, Activation Function, Initializers, Loss & Cost Function, CNN.
Generative AI	Generative AI, Generative AI Models, Large Language Models (LLM), Prompt Engineering, Open AI.

WORK EXPERIENCE

Lifecircles Infomedia Pvt Ltd Data Scientist	Jan 2024 to Present
Mobile Programming India Pvt Ltd Software Developer (ML Engg.)	Nov 2022 to Dec 2023
E-Mech Solutions Pvt Ltd. Data Scientist	Jul 2020 to Oct 2022

PROJECTS

Project: 1

Project Name: Winery Reservation System. (Commercial Domain) (Jan.2024 to Present)

Technology: Machine Learning, Data Analysis, Python, Keras_OCR, Google Sheets, Opencv.

Description: In this project, the objective is to identify the image in the database that most closely resembles the camera-captured image.

Roles and Responsibilities:

- Extracted the text from images by using **Keras, ocr** and preprocessed it to get accuracy. Extracted Features by using **SIFT algorithm**.
- Developed Algorithms using **Text and Template Matching Techniques** by providing different vintage to them.
- **Involvement in interact with Clients.** Prepared Accuracy Analysis Report.
- Prepared good quality Images by using **Image Enhancement techniques**.

Project: 2

Project Name: Recruiting Interview Bot. (Generative Ai Based Recruiting Copilots) (Jan.2024 to Present)

Technology: Python, Machine Learning, GenAi, NLP, LLM.

Description: Ai Generates Questions for Any position, saving time and research. No Specialist Knowledge Required.

Ai Avatar Runs a live interview with the candidate, speaking to them in Natural language. Candidate answers by Speaking to AI with the text live transcribed during the interview. AI Generates feedback in real time based on candidate answer.

Roles and Responsibilities:

- Designed and conducted **Machine Learning Model examinations** to measure the learning outcome of participants.
- **Involvement in interact with Clients.** Investigated and optimized models performance.

Project: 3

Project Name: Vitiligo Disease Progress Analysis. (Health Care Domain) (Nov.2022 to Dec.2023)

Technology: Machine Learning, Data Analysis, Python.

Description: In this project, the objective is to identify the progress of Camera-captured selfie images in Vitiligo Disease. Opzelura is the first and only approved treatment in the European Union (EU) to offer support for repigmentation in eligible patients with non-segmental vitiligo, a chronic autoimmune disease characterized by depigmentation of skin and reduced quality of life.

Roles and Responsibilities:

- Prepared Image Data by using Segmentation and Annotation Techniques for training a machine learning Model.
- Examined the Image data received from client side and gave to the Design Team and then reevaluates the received images from the Design team.
- **Team Handling Experience of Team Size 4 Members.**

Project: 4

Project Name: Automobile Price Forecasting. (Automotive Domain)

(Nov. 2022 to Dec. 2023)

Description: Required to apply some data science techniques for the price of Automobile with the available independent variables. That should help the Customer to understand how exactly the prices vary with the independent variables. So, They can Choose the Automobile accordingly, to meet certain price levels.

Roles and Responsibilities:

- Designed and conducted examinations to measure the learning outcome of participants.
- Also Trained Model on Time Series Data. Identified & solved interesting problems involving rich datasets.
- **Involvement in interact with Clients.** Accordingly, created capstone projects on the evolving use cases in the industry.
- Identified key emerging trends in the industry and maintained a rich reference material.

Project: 5

Project Name: Cardiovascular Risk Assessment. (Health Care Domain)

(Sep.2021 to Oct. 2022)

Description: We were closely working with the heart disease prediction and for that, we were looking into the heart disease dataset from that dataset, we were deriving various insights that help us know the weightage of each feature and how they were interrelated to each other but this time our main aim was to detect the probability of person that being affected by a savior heart problem or not.

Roles and Responsibilities:

- Designed and conducted **Machine Learning Model examinations** to measure the learning outcome of Participants.
- Investigated and optimized models performance. Provide accurate information to the customer.

Project: 6

Project Name: Document Classification System. (Insurance and Finance Domain)

(Jul.2020 to Aug 2021)

Technology: Machine Learning, Data Analysis, Python, OCR, Google Sheets, Regular Expressions, NLP.

Description: Reduce the Risk while increasing the efficiency of data migration projects, such as consolidating a range of content storages into a single, well-organized archive. Applying natural language processing algorithms, OCR and data extraction.

Roles and Responsibilities:

- Designed and conducted **Machine Learning Model examinations** to measure the learning outcome of participants.
- Investigated and optimized models performance. Provided accurate information to the customer.

EDUCATION AND CREDENTIALS

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|--------------------|------------------------|----------------|--------|
| • B.E (E&TC) | Pune University, Pune. | (2013 to 2016) | 74.06% |
| • Diploma in Engg. | MSBTE, Mumbai | (2011 to 2013) | 84.80% |
| • SSC | MSBSHSE, Pune | (2009) | 78.92% |

ACHIEVEMENTS

- University Rank Holder in Polytechnic Diploma.

PERSONAL DETAILS

- Date of Birth : 05/07/1993.
- Gender : Male
- Address : Hadpasar, Pune.
- Marital Status : Unmarried
- Hobbies : Body Building, Swimming, Ridding Bike, Playing Carrom.
- Languages : English, Hindi, Marathi.