**Name :** ARJUN PAWAR

**Role** : Data Scientist **Experience** : 4+ Years **Mobile No** : 7822002707

**Email Id** : [arjunpawar9357@gmail.com](mailto:arjunpawar9357@gmail.com)

**LinkedIn :**<https://www.linkedin.com/in/arjunpawar7395>

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, **GenAi**, Insurance & Finance domain 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.**
* Ability to achieve in-depth understanding of the problem domain and available data assets.
* Strong communication and interpersonal skills. Ability to interact with customers.

# TECHNICAL PROFICIENCIES



|  |  |
| --- | --- |
| **Languages** | Python |
| **Web stack (API)** | Flask |
| **Operating Systems** | Linux, Windows. |
| **Cloud Platforms/Services** | AWS |
| **Database** | SQLite, Mongodb. |
| **Python/ML Packages** | NumPy, Pandas, Sci-py, Scikit-learn, Seaborn, Matplotlib, Date Time, 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, PCA, NLTK, Maths & Statistics. |
| **Text Processing & Deep Learning** | Natural Language Processing (NLP), Term Frequency-Inverse Document Frequency (TF-IDF), Word2Vec, Bag ofWords. 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 Jan 2024 to Present

Data Scientist

# Mobile Programming India Pvt Ltd Nov 2022 to Dec 2023

Software Developer

# E-Mech Solutions Pvt Ltd. Jul 2020 to Oct 2022

Data Scientist

**PROJECTS**



**Project: 1**

**Project Name**: Cuvee Collective iOS App. (Commercial Domain)

**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. ∙

Developed Algorithm for Vintage Year Extraction from Images.

* Prepared Accuracy Analysis Report.
* Prepared good quality Images by using **Image Enhancement techniques.**

**Project: 2**

**Project Name:** Recruitment.Ai (Generative Ai Based Recruiting Copilots)

**Technology:** Python, Machine Learning, GenAi, NLP,AWS, 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.
* Investigated and optimized models performance.

**Project: 3**

**Project Name**: Incyte. (Health Care Domain)

**Technology**: Machine Learning, Data Analysis, AWS, 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.

**Project: 4**

**Project Name**: Automobile Price Forecasting. (Automotive Domain)

**Description**: Required to apply some data science techniques for the price of Automobile with the available independent variables. That should help the management to understand how exactly the prices vary with the independent variables. They can accordingly manipulate the design of the Automobile, the business strategy etc. to meet certain price levels.

# Roles and Responsibilities:

* Designed and conducted examinations to measure the learning outcome of participants.
* Identified & solved interesting problems involving rich datasets in various domains.
* 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)

**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)

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

**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. Quickly gather and prepare documents for e-Discovery and audits. Applying natural language processing algorithms to detect relevant content and combine documents into a unified format Granular text and semantic-based classification of incoming documents allows the acceleration and automatic selection of the most suitable processing workflow, such as OCR and data extraction or direct archiving.

# 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**

* B.E | Pune University, Pune.

# 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.