Aaditya Pandagle

Data Science | AI & Machine Learning | MLOps

Contact:

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LinkedIn and GitHub link

Education:

Post Graduation Program in Data Science and Analytics - Imarticus Learning (Pune)
(2023 - 2024)

Bachelors' in Business Administration (Computer Application) Modern College of Commerce & Computer Studies; Savitribai Phule Pune University Affiliated.
(2020 - 2023) **CGPA - 8.61**

Senior Secondary School - PDEA's Shri Mhalsakant Vidyalaya & Jr. College.
(2018 - 2020) - **55.69%**

High School - S.P.M English Medium School, Nigdi-Pune.
(2007 - 2018) - **69.00%**

Auxilary Skills:

- DSA (Basics)
- Cloud (AWS)
- Deep Learning (Fundamentals)
- Packaging & Containerization
- Version Control Deployment & CI/CD (Basics)
- Collaborative and Adaptability
- Problem-solving and Critical Thinking
- Inquisitive

Languages:

- English
- Hindi and Marathi (Native)
- German, Spanish and Japanese (Novice)

Work and Projects

Fresher with a strong theoretical understanding of company systems and operations. While not having direct work experience, you can explore my GitHub profile where I've performed statistical analysis and created predictive models. The portfolio spans various topics such as:

Machine Learning:

- Fraud Detection**:** Identify fraudulent activities within financial transactions using ML algorithms on authentic datasets.
- Credit Risk Assessment**:** Assessing credit risk for loan applicants using predictive modelling.
- House Rent Prediction**:** Using machine learning algorithms to predict house rent prices in India.
- Customer Discount Offering Prediction**:** Predict which customers will likely receive discounts for targeted marketing.
- Salary Prediction**:** Predicting individual salaries based on demographic and employment details.

Deep Learning:

- American Sign Language Detection**:** Developed a model to recognize and interpret American Sign Language gestures for communication accessibility.

Others:

- Django**:** Utilized Django to create a web-based diabetes prediction model.
- OCR-Gemini: Leveraged Tesseract for invoice text extraction and Gemini for data structuring the extracted data into JSON format.
- MLOps Sandbox: MLOps Integration Testing (Docker, Jenkins, CI/CD)

Certifications and Achievemnets

- Udemy: Python for Data Science and Machine Learning Bootcamp
- Kaggle - Beginner and Intermediate Machine Learning
- HackerRank - SQL Basic and Intermediate
- Udemy: Python Data Structures and Algorithm
- Udemy: Amazon Web Services - Solution Architect.
- Ranked 1st in chess competitions during both the 2nd and 3rd years of my academic journey.

Skills & Hobbies

- **Machine Learning and Deep Learning:**
  - Supervised Learning: (Linear & Logistics Regression, SVM, Decision-Tree and Ensembles)
  - Unsupervised Learning (K-Means, Hierarchical Clustering, and Dimensionality Reduction-Principal Component Analysis)
  - Neural Networks (CNN), NLP, and DL Frameworks (TensorFlow and Keras)
- **Data Science:**
  - Data Analysis & Visualization, Statistical Analysis & Modeling, Feature Engineering & Optimization Techniques.
- **MLOps:**
  - MLflow, Packaging, Version Control (Git), Docker, Jenkins, Prometheus and CI/CD Pipeline.
- **Web Development, Programming Languages & Databases:**
  - Flask, FastAPI, Django, Data Structures & Algorithms (DSA), Python and MySQL
- **Cloud**:
  - Amazon Web Services (EC2, S3, SageMaker, and others)
- **Hobbies**
  - Avid Reader, Artist (sketching figures and objects)
  - Strategic Chess Player, Video/Board Games, Coding.
  - Listening and Creating Lo-fi tracks for fun on YouTube