Arman Laliwala

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CAREER OBJECTIVE

Committed and dedicated to AI/ML, with a strong theoretical foundation in supervised and unsupervised learning, linear and logistic regression, KNN, K-means clustering, CNNs, ANNs, BNNs, RNNs, overfitting, and deep learning. Seeking to pursue a career in AI/ML, leveraging my theoretical knowledge and growing practical experience.

EXPERIENCE

Laliwala IT, Ahmedabad— *Software Developer*

April 2019 - April 2024

As a Software Developer at Laliwala IT Company for the past 5 years, I've contributed to numerous projects, gained extensive software development experience, and mastered various technologies.

EDUCATION

Silver Oak University — B-Tech(CE)

May 2021- March 2025
Currently Pursuing B-Tech in Computer Engineering

Diwan Ballubhai High School — *HSC*

May 2018 - March 2021
Completed 11th and 12th grade in the Science stream

NATIONAL LEVEL HACKATHON ACHIEVEMENT:

Participant, Smart India Hackathon(2022)

Represented my team in the national Smart India Hackathon, reaching the finals in Chennai. Showcased innovative solutions, collaborated effectively, and presented to esteemed judges, demonstrating strong problem-solving skills and the ability to thrive under pressure. This achievement highlights my creativity and contribution to impactful projects.

TECHNICAL SKILL

Website Development: HTML, CSS, JS, Bootstrap

Programming Languages: C, Python, PHP

Libraries:Numpy, Pandas, CV, Matplotlib, tensorflow, keras

Database Management: MySQL

Data Structure and Algorithm: Basic knowledge of searching and sorting algorithms

SOFT SKILLS

Strong analytical and critical thinking abilities

Efficiently prioritizing tasks to meet project deadlines

Excellent communication and teamwork skills

Problem-Solving Ability Attention to details Continues Learning

CERTIFICATES

AWS Event: An AI/ML base deep racer event

Nirma University: Autocalyps

As a software developer at Laliwala IT, I did:

Sky International Courier Services:

- Developed a comprehensive courier company website using PHP.
- Implemented a robust tracking software with a user-friendly tracking number checking feature.
- Clients could easily monitor their courier package status.
- Designed an intuitive dashboard featuring essential buttons for efficient order management.
- Real-time data display on the dashboard enhanced operational efficiency.

Safe Valves Quotation Software:

- Customised and created a user-friendly Quotation Software using PHP.
- Streamlined the quotation process for the company.
- Efficiently managed quotation creation and maintenance.
- Tailored the solution to meet specific company requirements.

Deal Website:

- Developed a dynamic deal website using Core PHP with an intuitive admin panel.
- Admin privileges included adding, updating, editing, and deleting deals.
- Users could explore two main sections: "All Deals" and "Hot Deals".
- The website facilitated seamless access to coupon codes and exclusive offers.

Printing Order Management System:

- Designed and developed a robust web-based software for managing printing orders using PHP.
- Users could upload files for printing, specifying their desired quality.
- Automatic price calculation based on quality ensured transparency.
- Upon order confirmation, the system deducted the cost from the user's balance.
- Developed and launched features including fund addition, user account management, and paper quality selection; improved user retention and increased transaction volume.

Projects :

Car and Minivan Prediction:

- Developed a model to predict if a vehicle is a car or a minivan using labeled data.
- Utilized classification algorithms and evaluated accuracy and precision.
- Used `sklearn` for model building and `pandas` for data manipulation.

Orange and Apple Prediction:

- **Created a model to differentiate between oranges and apples using labeled data.**
- **Applied data preprocessing and experimented with various algorithms.**
- **Utilized `sklearn` for model training and `pandas` for data handling.**

Chatbot Using Rasa:

- Built a Q&A chatbot with Rasa framework for handling common questions.
- Focused on NLP and dialogue management capabilities.
- Used `rasa` for natural language understanding and dialogue management.

Music Recommendation System:

- Developed a music recommendation system based on user gender and age.
- Employed collaborative and content-based filtering.
- Used `sklearn` for algorithms and `pandas` for data preprocessing.

Movie Recommendation System (Ongoing Core Project):

- **Developing a personalized movie recommendation system.**
- **Leveraging user preferences, viewing history, and demographic data.**
- **Applying advanced machine learning algorithms and collaborative filtering.**

Image Manipulation Using OpenCV:

- **Performed image manipulation tasks using OpenCV.**
- **Implemented resizing and image rotation techniques.**
- **Applied various image processing techniques to enhance image quality.**