DARSHAN S. PATHAK

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EXPERIENCE

Data Science Engineer Intern

KodeZera

📅 02/2024 - Present 📍 Pune

- **Built** and **deployed** data solutions for efficient data ingestion, storage, and retrieval.
- Gained **hands-on experience** with prompt engineering and large language models (LLMs) for NLP tasks.
- **Collaborated** with teams to define project objectives, gather requirements, and **translate business needs into solutions.**
- **Monitored** model performance, conducted testing and statistical analysis, and iterated upon algorithms to **improve accuracy and reliability**.
- Investigated, tested and implemented suitable **ML frameworks**, **libraries**, **tools and algorithms**.

PROJECTS

Intelligent Talent Acquisition System

🔗 https://github.com/Pathakdarshan12/iTAS

Tech Stack - Python | Django | MySQL | Gen AI | TensorFlow | HTML CSS JS

- Automated **resume parsing** using **BERT transformer** for precise candidate information extraction and **matching** candidate skills with job requirements
- Developed a **job-search command** to scrape matching job listings.
- Provided an easy-to-use **interface** for managing **job postings** and **candidate profiles.**
- Implemented **security measures**, including data encryption, user authentication, access control, and administration management.

End to End Kidney Disease Classifier Using MLflow and DVC

🔗 https://dagshub.com/pathak12darshan/Kidney_Disease_Classification_MLflow_DVC

Tech Stack - Python | Flask | MLflow | DVC | Docker | TensorFlow

- Coordinated the **pipeline stages** from data ingestion and preprocessing to model development, training, and evaluation.
- Implemented MLFlow to **track experiments**, enabling easy comparison of model runs, hyperparameters, and metrics.
- Implemented **data version control** to manage datasets, fostering **collaboration** and ensuring **reproducibility** across different environments using Docker.

Data Science Case Studies

Tech Stack - Python | Pandas | NumPy | MySQL | PowerBI | Streamlit

- **Customer Segmentation and Association** (Link)
- **Employee Churn Prediction** (Link)
- **House Price Prediction App** Using Streamlit (Link)
- **PlacementDB** - Case study on placement database (Link)
- **Road Accident Analysis using PowerBI** (Link)
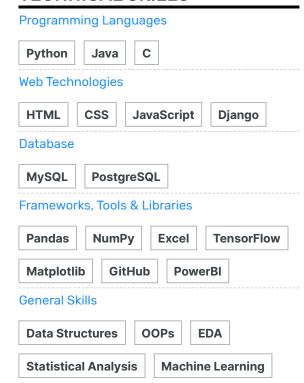- **Read Quest -** Book Recommender System (Link)

EDUCATION

Master of Computer Application

Pimpri Chinchwad College of Engineering

📅 08/2023 - Present

(FY) CGPA
8.88 / 10

Bachelor of Science in Computer Science

Kaveri College

📅 2020 - 2023

CGPA
8.92 / 10

Higher Secondary Certificate (Class XII)

MIT Junior College

📅 2018 - 2020

Percentage
81.3 / 100

SUMMARY

I aspire to explore the field of data science and utilize my analytical skills to solve complex problems that impact businesses and societies.

TECHNICAL SKILLS

Programming Languages

Python Java C

Web Technologies

HTML CSS JavaScript Django

Database

MySQL PostgreSQL

Frameworks, Tools & Libraries

Pandas NumPy Excel TensorFlow
Matplotlib GitHub PowerBI

General Skills

Data Structures OOPs EDA
Statistical Analysis Machine Learning

VOLUNTEERING

Training and Placement Cell Member

PCCoE MCA Department

📅 09/2023 - Present

Managed training and placement of MCA department students, emphasizing **knowledge building** and **career advancement** through aptitude and programming tests, and mock interviews.

Student Editor

PCCoE Samvaad (Newsletter)

📅 09/2023 - Present

Collaborated with the department and contributors to review events, write articles, plan future issues, and encourage student submissions, ensuring all work meets journal standards and deadlines.

ACHIEVEMENTS

Member of the International Society for Data Science and Analytics Association

Keeps me updated on advancements in the AI industry, fostering continuous learning. (Certificate)

HOBBIES / INTERESTS

Astronomy

Photography

Reading

CERTIFICATION

Fundamentals of Full Stack Development
EcelR

Deep Learning Using Python
Google Developer Student Club

Basics of Statistics and Machine Learning Workshop
PCCoE

Business Analytics using PowerBI and Tableau
ExcelR

SOFT SKILLS

Adaptability

Analytical Thinking

Transferable Skills