

SARTHAK KELKAR

LeetCode

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github

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SUMMARY

Experienced Data Engineer with a strong foundation in software engineering and data science. Skilled in designing scalable data pipelines, building data models, and web Scraping. Expertise in Python, SQL, and data warehousing concepts, with a proven ability to solve complex data problems. Adept in using Spark for high-volume data processing. Passionate about enabling self-serve data engineering and creating efficient microservices to drive business success. 4-star Python developer on HackerRank. Solved 275+ leetcode questions.

EXPERIENCE

10/2024 - present **AI Intern, Remote**

Constems-ai

- Working On a AI Product of Constems-ai with expertise of Computer Vision.

02/2024 - 03/2024 **Data Science Intern, Remote**

LearnTricks EduTech

- Implemented ARIMA models for stock price prediction, optimizing statistical efficiency and reducing data latency.
- Collaborated with data engineers to streamline data pipelines, enhancing data collection and quality.
- Improved data accuracy by filtering and cleaning raw datasets.

01/2023 - 03/2023 **Data Science Intern, Remote**

Yoshops

- Built machine learning models to detect anomalies in large-scale sales datasets, improving fraud detection by 15 percent.
- Developed automated data pipelines, reducing manual intervention by 30
- Utilized Python, SQL, and visualization tools to generate business reports, driving strategic decisions.

PROJECTS

Data Science

Data Science Salary Estimator

Github

- Designed a Data Science Salary Estimator using machine learning algorithms, predicting salaries based on job-related features with high accuracy.
- Collected and preprocessed data from Glassdoor using Python-based data engineering techniques, enhancing feature selection and model performance.
- Utilized pandas, NumPy, scikit-learn for data manipulation, model training, and evaluation, ensuring high precision in salary prediction models.

Data Science

Real Estate Price Estimator

Github

- Developed a full-stack web application for predicting real estate prices in Bangalore, combining machine learning model deployment with frontend and backend integration.
- Performed data preprocessing, feature engineering, and outlier detection to enhance prediction accuracy, contributing to reliable market insights.
- Utilized Flask for backend development, creating RESTful API endpoints to enable seamless data retrieval and efficient prediction services.
- Deployed a linear regression model on cleaned datasets, delivering accurate home price predictions based on property features and market trends.

SKILLS

Programming Languages: Python, Java, SQL

Data Engineering: Spark, AWS (S3, RDS), Databricks

Data Warehousing: Data modeling, ETL frameworks

Big Data: Streaming technologies, batch processing, Spark

Cloud Platforms: AWS (S3, Lambda)

DevOps: Continuous integration, Git

Other Skills: Docker, RESTful API development, A willingness to accept failure, learn and try again, An open mind to try solutions that may seem impossible at first

EDUCATION

01/2021 - 06/2024 **B.E in Artificial Intelligence And Data Science**

K. K. Wagh Institute Of Engg. College

CGPA - 8.52

07/2019 - 02/2020 **H.S.C - Science**

Bhimashankar Padalkar Junior College

Percentage - 70%, MHTCET - 94.38%

07/2017 - 03/2018 **S.S.C**

Saraswati Vidya Mandir School

Percentage - 95.20%

CERTIFICATIONS

Complete Python Programming - Basics to Advanced Concepts	02/2022
Machine Learning with Python	09/2023
Django Framework: Build and Deploy Web Application With Python	03/2022
Certificate of Advanced Python for Data Science	11/2021