SHREYASH DADURIA

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EDUCATION

Bachelor of Technology in Computer Science Engineering (CSE)   *(Pursuing, 2022 - 2026)*
Symbiosis Institute of Technology
- CGPA: 8.6

PROJECTS

Smart Financial Advisor   **(Aug 2024 – Present)**
- Integrated Hadoop and Spark frameworks to handle large-scale financial datasets, reducing data retrieval time by 30%, while ensuring real-time data availability and integrity.
- Employed PySpark to clean and structure large datasets, improving data quality, which resulted in a 98% accuracy rate for subsequent analyses.

Cryptocurrency Price Forecasting   **(Jan 2024 – Apr 2024)**
- Scraped and processed over 500,000 cryptocurrency records from CoinMarketCap using BeautifulSoup and Scrapy, optimizing data retrieval and storage, which enhanced model accuracy by 15%.
- Utilized Pandas and NumPy for exploratory data analysis, improving data processing efficiency by 20% and reducing computation time by 10%..

CryptoSentiment Forecast: Integrating Web Scraping and Data Analysis
for Cryptocurrency Price Prediction (Research Paper)

Accepted in JOIV : International Journal on Informatics Visualization scopus Q3
- Performed data preprocessing and exploratory data analysis (EDA) using Pandas and NumPy of over 50000 data records.
- Optimized and evaluated machine learning models including LSTM, RNN, and SVM for price prediction which resulted in 65% accuracy.

TECHNICAL SKILLS

- Programming Languages: Python, **SQL**, C, C++, Java
- Data Technologies: **Big Data (HDFS, PySpark, SparkSQL)**, RDBMS, Data Warehousing
- Scripting: **Shell** (Intermediate), Perl (beginner)
- Development Methodologies: **Agile**
- Operating Systems: **Linux**, Windows

CERTIFICATIONS

- **The Ultimate Big Data Masters Program (Cloud Focused)** *pursuing* – Trendy Tech Technologies

Learning about Distributed storage, data warehousing, data streaming etc.
Currently enhancing expertise in big data processing, cloud architecture, and scalable data solutions using AWS, Azure, and Google Cloud.

- **Java Fundamentals Certification** – Oracle Academy

Acquired knowledge in object-oriented programming, algorithms, and data structures using Java.

EXTRACURRICULARS

- Spearheading a team of 6 in the development of a smart finance manager project, managing tasks and moving forward with the **smart India hackathon**
- Coordinated 3 community service projects involving over 50 volunteers, leading to a 20% increase in project completion speed and a 15% improvement in community engagement at Avabodh Foundation.