ABHISHEK SARODAYA

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EDUCATION

Symbiosis Institute of Technology, Nagpur   **2022 − 2026**
Bachelor of Technology in Computer Science Engineering (CSE) | CGPA: 8.26

TECHNICAL SKILLS

- Languages : Python, SQL, C, C++
- Databases: MySQL
- Visualization Tools : MS-Excel, Power BI
- Other Skills : Figma(basic), HTML, CSS

PROJECTS

An Ensemble multi-Criteria decision making approach for employees attrition   **Jan 2025 -Present**

- Developed an ensemble Multi-Criteria Decision-Making (MCDM) model for employee attrition prediction using Python and PySpark.
- Integrated sentiment analysis to assess employee feedback, improving predictive accuracy.
- Implemented big data processing pipelines to handle large-scale HR datasets efficiently.
- Designed a feature engineering framework to extract key attrition indicators from structured and unstructured data.

Cryptocurrency Price Forecasting   **Jan 2024 − Apr 2024**

- Developed a cryptocurrency price forecasting system by scraping and processing over 500,000 records from CoinMarketCap using BeautifulSoup and Scrapy, enhancing model accuracy by 15%.
- Utilized Pandas and NumPy for exploratory data analysis, improving data processing efficiency by 20% and reducing computation time by 10%.
- Conducted time series analysis on Bitcoin's historical data, trained models with Scikit-learn and TensorFlow, and built a Tkinter GUI for real-time data visualization and interactive exploration.

PUBLICATIONS

CryptoSentiment Forecast: Integrating Web Scraping and Data Analysis for Cryptocurrency Price Prediction

- Accepted in JOIV : International Journal on Informatics Visualization (Scopus Q3)
- Performed data preprocessing and exploratory data analysis (EDA) using Pandas and NumPy on over 50,000 data records.
- Optimized and evaluated machine learning models including LSTM, RNN, and SVM for price prediction, achieving 65% accuracy.

CERTIFICATIONS

- **Certified System Administrator - ServiceNow**

  - Proficient in ServiceNow platform administration, including instance management, workflow automation, and ITSM configuration. Skilled in customizing ServiceNow applications, managing user roles, and optimizing system performance for enterprise solutions.

- **Python for Data Science and Machine Learning Bootcamp (Pursuing)**

  - Gaining proficiency in data analysis, visualization, and machine learning techniques using Python libraries like Pandas, NumPy, Matplotlib, and Scikit-Learn.

- **Google Coursera - Prepare Data for Exploration and Process Data from Dirty to Clean**

  - Gained expertise in data collection, cleaning, organizing, and securing data using spreadsheets and SQL, while also applying best practices for data integrity, ethics, and privacy.

EXTRACURRICULARS

- **Participated in the Smart India Hackathon** in 2023 and 2024 as part of a collaborative team, contributing to innovative problem-solving initiatives.
- **Community Service with Avabodh Foundation** Proactively involved in NGO initiatives, contributing to documentation, internship programs, and CSR fund management.
- Participated in different coding competitions: Code Master, Project Forge, Lost Code.