R I S H A V   K U M A R

Data Scientist | 9310230085 | rishav.dgi@gmail.com | New Delhi | India

Dev / Coding Portfolios

SUMMARY :

Aspiring Data Scientist with a strong math foundation, adept at transforming data into business insights. Skilled in data collection, analysis, and forecasting models. Detail-oriented, analytical, and collaborative team player.

EDUCATION :

A.P.J ABDUL KALAM TECHNICAL UNIVERSITY (2018-2022)
BACHELOR OF TECHNOLOGY – COMPUTER SCIENCE AND ENGINEERING
1ST Div. With Distinction | CGPA : 8.04

EXPERIENCE :

TATA CONSULTANCY SERVICES LTD | JAVA ENGINEER
June 2022 – Present | Gurgaon, Harayana | 2.5+ Years

- Serving as the primary Software Developer for the Rabobank client, delivering key functionalities through TCS BaNCS Securities & Investment platform and enhancing system reliability leading to 99.9% uptime.
- **Java Development**: Significantly impacted **brokerage business**, Wealth Management, and Securities & Investment projects.
- Experience: Over **2.5+** years of extensive technical and functional knowledge of European and American brokerage and securities markets.
- **Market Understanding**: Strong understanding of equities, bonds, warrants, options, futures, and mutual funds.
- In-Depth Knowledge: Expertise in corporate actions, ALM, financial market reporting, and wealth management.
- Process Improvement: Streamlined processes, enhancing system **performance by 20%.**
- Issue Resolution: Successfully resolved over **200 production issues**.

PROJECTS :

House Price Prediction & Recommendation | Python,Pandas, Numpy BeautifulSoup,Regression Model, SHAP,AWS, Streamlit

- Utilized data science techniques for **insights, predictions, and recommendations** in the real estate domain.
- Collected and cleaned real estate data from 99acres.com and similar websites, ensuring a diverse and representative dataset.
- Enhanced dataset with new features and **conducted univariate multivariate analyses to uncover patterns and relationships**.
- Compared various regression models, selected the best-performing model, and **deployed a user-friendly prediction interface using Streamlit.**
- Developed **analytics module and recommendation systems**, deployed on AWS for scalability and accessibility.

Image Caption Generator | Python, TensorFlow, Keras, Deep Learning, CNN, LSTM

- Developed an image Caption Generator using deep learning techniques, leveraging the powerful Flicker 8K dataset.
- Utilized **Convolutional Neural Networks (CNNs) for feature extraction** from input images, enhancing model performance in image understanding and implemented a **Long Short-Term Memory (LSTM) network to generate descriptive captions**, integrating both image and textual data seamless.
- Evaluated model performance by implementing various evaluation metrics, including BLEU scores and loss functions, to assess the accuracy

Stock Price Predictor | Matplotlib, Seaborn, TensorFlow, Keras, LSTM, SVM Random Forest, SK-LEARN

- **Developed a Predictive Model**: Built and **trained a Long Short-Term Memory (LSTM)** model to forecast stock prices, demonstrating proficiency in time series analysis and deep learning techniques.
- **Implemented Advanced Analytics**: Created a comprehensive analytics module to **visualize stock market trends** and evaluate model performance, enhancing interpretability and decision-making for potential investors.

SKILLS :

PROGRAMMING LANGUAGES :
Python • C/C++ •Java

AI/ML
Scikit-learn • Numpy • Pandas • Matplotlib •Tensorflow • NLP • ML Algorithm

DATABASES
MongoDB • My-SQL • PostgreSQL

BI TOOLS
PowerBi • Tableau • MS-Excel

MLOPS
Streamlit • Flask • Github • CI-CD Pipelines • AWS

FRONTEND
HTML • CSS • JS • Bootstrap • Material UI • ReactJs • Tailwind CSS • Styled Components

BACKEND
Node Js • Express Js • REST-APIs

FULL STACK FRAMEWORKS
MERN Stack

Familiar : System Design • Devops

ACHIEVEMENTS :

GLOBAL RANK 46 – TCS Codevita season 10

Over 10 Prestigious Awards – Tata Consultancy Services Ltd.

Top performer in TCS NQT Exam(Got Full Time Offer) – Tata Consultancy Services Ltd

5-Star Coder/ Certifications (Python, Java, Javascript, C++) – Hackerrank

Solved 1000+ DSA problems over various platforms- Leetcode (500+), GFG, CodeStudio (300+)

CERTIFICATIONS :

Data Science Masters Certification Program
Pwskills
Mastering Data Structure and Algorithm
Udemy
Neural Network and Deep Learning
deeplearning.ai
Data Analysis using Python
IBM (Coursera)
AWS for Data Scientist
IBM (Coursera)
Developing Soft Skill and Personality
IIT-Kanpur

ACTIVITIES :

- Exploring new technologies
- Event Volunteer
- Collaboration and Communication