Gagan K M

Machine Learning Engineer

Mangalore, Karnataka • +91-7204790889 • gagankm72@gmail.com • www.linkedin.com/in/gagan-k-m-a0580b285 • www.github.com/Gagan-KM

Passionate MSc student in Big Data Analytics, dedicated to extracting meaningful insights from complex databases using cutting-edge technologies and techniques, committed to lifelong learning and transitioning into a qualified Machine Learning Engineer role.

WORK EXPERIENCE

Codsoft   04/2024 – 05/2024
Machine Learning intern

- Coordinated projects on spam SMS detection and credit card fraud detection, creating machine learning solutions that improved accuracy in identifying fraudulent activities and spam, thereby enhancing security and user experience.
- Implemented advanced ML techniques to optimize detection algorithms, significantly improving efficiency and effectiveness in combating financial and communication-related fraud.

Torus Solutions   06/2023 – 08/2023
Project intern

- Coordinated the "Auto Insurance Fraud Detection" project, creating a machine learning and C# solution to handle both hard and soft fraud that decreased loss adjustment costs and raised customer satisfaction.
- Implemented advanced ML techniques to enhance fraud detection efficiency and resource optimization, revolutionizing methodologies in the insurance sector.

CERTIFICATION

- Certified in **Big Data Analytics**, focusing on Apache Hadoop, Spark, and data processing methods.
- Proficient in **Python-based Data Visualization (IBM)** techniques using libraries like Matplotlib and Seaborn.
- **Microsoft Power BI** certified for creating interactive data dashboards and reports.
- Completed **Machine Learning course in Python**, covering algorithms and model implementation with Scikit-Learn and TensorFlow.

EDUCATION

St Aloysius University,   08/2023-Present
Masters in Big Data Analytics

Mangalore University,   11/2020-08/2023
Bachelors of Computer Application

SKILLS

Hard Skills: Machine Learning, Database Management, Data Analysis, Data Warehousing, Data Engineering, Data Visualization, Natural Language Processing.
Techniques: AWS, Big Data Analytics, ETL Processes, EDA.
Tools: Python, Apache Hadoop, Apache Hive, Power BI, Apache Spark, Apache Kafka, R programming, Linux.

PROJECTS

SMS Spam Prediction: Created an efficient spam detection system using natural language processing techniques to filter out unwanted messages, improving user experience and communication safety.
Credit Card Fraud Detection: Developed a machine learning model to identify fraudulent credit card transactions, enhancing security measures and reducing financial losses.
Stroke Prediction: Designed a predictive model to assess stroke risk based on patient data, aiding in early intervention and healthcare management.
Auto Insurance Fraud Detection: Coordinated the development of a solution using C# and machine learning to detect and prevent auto insurance fraud, decreasing loss adjustment costs and increasing customer satisfaction.