Shefali Chaugule

London chauguleshefali9867@gmail.com 07767934956 www.linkedin.com/in/shefali-chaugule-942789200

EDUCATION

MSc in Computer Science
Minor in Mobile Application Development ,Data Visualisation, Software Quality Management, System administration and Security
• University of Greenwich • Greenwich, london • 2023

Bachelor of Computer Science
Minor in OOPM , Data structures,Data warehousing & mining • Mumbai University • Mumbai, India • 2022 • 8.84 CGPA

Diploma in Computer Engineering
Minor in RDBMS, GUI Programming, Computer Network • Muchhala Polytechnic , Maharashtra State Board of Technical education
• Maharashtra , India • 2019 • 7.88 CGPA

SKILLS

Technical Skills
- **Programming Languages: Python, SQL, Java, C, JavaScript**
- **Data Analysis Tools: Tableau, Excel, Pandas, NumPy, Matplotlib**
- **Database Management: Database Design, Database Architecture, Data Modeling**
- **Machine Learning: Supervised and Unsupervised Learning Techniques, Model Evaluation**
- **Mobile Development, Networking, Object-Oriented Programming**

Soft Skills:
- **Problem Solving, Critical Thinking**
- **Leadership, Collaboration, Teamwork**
- **Enthusiasm for Data Interpretation**
- **Adaptability, Attention to Detail**

EXPERIENCE

Tesco Stock Control Colleague
tesco **October 2022 - Present, London**
- Conducted daily inspections of fresh food inventory to ensure compliance with expiration dates, resulting in a reduction of expired products by 75%.
- Collaborated closely with team members to assist customers in obtaining their desired items, resulting in improved customer satisfaction.

PROJECTS

A Boosting Technique for Diabetes Mellitus Classification and Prediction in the Healthcare Industry Based on Machine Learning
University of Greenwich • August 2023 - August 2023
- A Boosting Technique for Diabetes Mellitus Classification and Prediction in the Healthcare Industry Based on Machine Learning
- Utilised Lgbm classifier and xgboost classifier ML models to classify and predict diabetes mellitus with high accuracy (90.27% for LGBM Classifier and 90% for XGBoost Classifier), achieving an AUC of 0.92 and improving overall model F-score to 0.91.
- Reduced misclassification by 5% and improved accuracy to 97%.

A Machine Learning Framework for Domain Generation Algorith(DGA)Based Malware Detection
Mumbai University • January 2022 - January 2022
- This software created to determine whether a hosted website relies on a Domain Generation Algorithm (DGA) or not.
- Utilised Natural Language Processing and supervised and unsupervised learning techniques to create a novel machine learning framework for detecting DGA-based malware, significantly outperforming conventional blacklisting methods.
- Developed a feature engineering pipeline to enhance the accuracy of differentiating agreed DGA domains from legitimate domains, resulting in an accuracy rate of 95%.

CERTIFICATIONS

JAVA-Mastering the Fundamentals
Scaler • 2023

Android App Development