

FAHIMUNNISHA A

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OBJECTIVE

Aspiring engineer seeking entry-level opportunities to apply technical and analytical skills and contribute to innovative solutions. As a young and curious learner, I am ready to adapt and work hard to achieve my professional goals.

Education

BTech Information Technology
St. Joseph's institute of technology, Chennai

2021 – 2025

CGPA 9.09

Experience

Amply innovations pvt.ltd

May 24 - July 24

Motion data analyst intern

Remote

- Conducted data analysis on motion data to optimize posture correction algorithms. Collaborated with the development team to integrate AI-driven feedback mechanisms for remote physiotherapy and injury prevention.
- Assisted in testing and validating sensor data for real-time feedback in yoga, fitness, and rehabilitation contexts.

Global techno solutions

June 24 - July 24

Machine learning and python intern

Chennai

- Conducted analysis and implementation of an IEEE paper's algorithm on the UNSW_NB15 training set, enhancing understanding of network attack vectors and mitigation strategies.
- Utilized Matplotlib for data visualization, presenting insights on the impact of various attacks (shellcode, worms, DOS) on software and hardware resources.

Projects

DASHBOARD USING POWER BI | Microsoft Power BI

2022

- The dashboard visualizes the impact of parameters like cibil_score, education, and annual income on loan approval status through various charts.
- Interactive filters allow users to explore specific segments and their loan approval rates.
- Summary insights highlight key metrics such as average cibil_score and loan amounts for approved and rejected applications.

SQL QUERIES ON DIABETES PREDICTION | SQL, DBMS

2023

- Using a diabetic dataset, an analysis was done based on the given parameters.
- The various parameters include patient name, patient ID, gender, age, BMI, hypertension, heart disease, smoking history, hbA1c level, and blood glucose level.
- Based on these parameters, it is found that whether the patient is diabetic or not. The action is to analyze by retrieving the information using SQL queries.

SIMPLE BOT-COLLEGE QUERIES | Natural Language Processing

2023

- A JSON file with tags, patterns, responses, and various URLs is used to define chatbot intents.
- User input is processed using spaCy, with keywords matched to patterns to determine the intent via the get_intent function.
- The chatbot interacts in a loop, processing inputs, determining intents, and responding until the user types 'exit'.

CLOUDBURST PREDICTION | Machine Learning, Data Analytics

2023

- The dataset was uploaded to Google Colab, checked for null values (replaced by mean), and split into a 33:67 test-training set ratio.
- A DecisionTreeClassifier from sklearn was trained on the training data, and predictions were made on the test data.
- The model's accuracy was evaluated using accuracy_score, and the output included both 0 (No) and 1 (Yes) labels, along with a GIF.

REDUCING POLYPHARMACY: BEST PRACTICES AND INTERVENTIONS

present

Electronic Health Records (EHR) Integration | DBMS | Web and Mobile applications

- This project aims to reduce polypharmacy risks, especially for elderly patients in rural areas, by using mobile applications to collect and monitor patient data, enabling doctors to manage medications effectively.
- A simple mobile app allows patients to visualize their health data and communicate with doctors, enhancing medication adherence and safety.
- The solution promotes safer medication practices and improves healthcare outcomes for vulnerable populations.

Technical Skills

- Java
- Python
- HTML, CSS
- Mysql
- Ms office
- Ms Power BI
- Git & Github

Hobbies

- Drawing
- Travelling
- Crafting
- Badminton

Certifications

- Python for Data science - Infosys Springboard
- Introduction to Business Intelligence - Infosys Springboard
- Probability and Data with R - Coursera
- Supervised machine learning: classification and prediction - Coursera
- Business Analysis: Essential tools and techniques - LinkedIn
- Google Analytics certifications - Google
- Excel skills virtual experience program - JPMorgan Chase & Co
- MYSQL workshop - SkilledUP
- Business English Certificate Vantage Level - Cambridge English Assessment