ABDUL JABBAR

SOFTWARE ENGINEER

ABOUT ME

I am a final-year Software Engineering student with a strong passion for Web Development, Machine Learning, Data Science, and Data Mining. Over the course of my studies, I have developed a solid understanding of both theoretical and practical aspects of these fields. My academic projects and hands-on experience have enabled me to design and implement responsive web applications, analyze large datasets using advanced statistical techniques, and develop machine learning models to solve real-world problems. I have also gained experience in using Software Design Architecture (SDA) across different phases of the Software Development Life Cycle (SDLC), ensuring efficient and structured project development.

SKILLS

- C++, JAVA , J SCRIPT
- Web Development
- Machine Learning
- Data Science
- Data Mining.
- SOFTWARE ENGE
- SPM & SQA

EXPERIENCE WORK

During my academic journey, I completed multiple hands-on projects that strengthened my skills in data science, machine learning, and software development. Below is a selection of key projects:

1. Real-Time Intrusion Detection System (Final Year Project)
Python, Scapy, ML
Built a real-time IDS for smart homes using Scapy and a trained ML model. Classified network traffic and displayed attack types via a live web dashboard.

2. Market Basket Analysis Web App
Python, Pandas, MLxtend, Streamlit
Developed an interactive web application for Market Basket Analysis using Apriori algorithms. Users can upload their own sales datasets, define minimum support and confidence values, and instantly generate frequent itemsets and association rules. Try it here
https://frequent-itemsets.streamlit.app/

3. Machine Learning Classification Models
Scikit-learn, Pandas, Matplotlib
Built and evaluated models like Logistic Regression, KNN, Decision Trees, and Random Forest using real-world datasets and standard performance metrics

EDUCATION

UNIVERSITY OF MANAGEMENT & TECNOLOGY
BS SOFTWARE ENGINEERING [2021 - 2025]
SUPERIOR COLLEGE PATTOKI
Intermediate [2019 - 2021]
FSc pre Engineering
MUSLIMS MODEL HIGH SCHOOL PATTOKI
MATRIC SCIENCE [2017 - 2019]

CONTACT

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