

SHAIK RIHAN MEHNAZ

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TECHNICAL SKILLS

Relevant Coursework:

Data Structures
Machine learning
Operating System
Computer Networks
Database Management and Systems

Programming:

Java
Python
C
HTML
CSS

Software Skills:

MYSQL Workbench
Postman
scikit-learn
Flask

PROJECTS

Employee Retention Prediction System

Tools technologies used: Flask, Random Forest, XGBoost, Clustering Techniques.

Developed a REST API using Flask to predict employee retention, leveraging advanced machine learning algorithms such as Random Forest and XGBoost for accurate predictions. Applied clustering techniques to segment employees into distinct groups, enabling targeted retention strategies and improving overall organizational stability.

Electricity Billing System

Tools technologies used: Java, NetBeans, MySQL, Swing, AWT.

Developed a Java-based electricity billing management system using NetBeans, MySQL, Swing, and AWT. This Desktop application automates the management of customer details, meter readings, and billing information, storing data in a MySQL database. The intuitive graphical user interface (GUI) created with Swing and AWT enables users to easily view and update billing details, streamlining administrative tasks.

Serverless Email Marketing Application Using AWS

Tools technologies used: AWS Simple Email Service (SES), EventBridge, S3, Lambda, Identity Access Management (IAM).

Developed a serverless email marketing application using AWS, which sends scheduled emails with HTML templates stored in S3. The application integrated SES for email delivery, EventBridge for scheduling, and Lambda for processing the email sends, all while ensuring secure access with IAM. The system was designed for scalability and efficiency, automating the email marketing process effectively.

EDUCATION

JSS Science and Technology, Mysore, Karnataka

2021 - 2025

Bachelor of Engineering in

Computer Science and Engineering(currently 7th sem):

CGPA: 9.31/10

Sri Chaitanya Junior College

2019 - 2021

Board of Intermediate Education,Telangana

Percentage: 98.6

Sri Chaitanya English Medium School

2019

Board of Secondary Education,Andhra Pradesh

GPA: 10/10

CERTIFICATION

Ultimate AWS Certified Cloud Practitioner CLF-CO2(Udemy)

<https://www.udemy.com/certificate/UC-fe47e412-d491-4985-9293-4a5398497456/>

Joy of Computing Using Python(NPTEL)

<https://drive.google.com/file/d/1Ugdw992QUtAdkRYklutWKSArSXkmKzSG/view?usp=sharing>

SOFT SKILLS

Communication Skills

Leadership Qualities

Working in Teams

Problem Solving

Quick Learning

ADDITIONAL INFORMATION

Languages: English,Hindi,Urdu,Telugu,Kannada.

Hobbies: Cycling,Sketching,Photography,Dancing.