MD SAYEEM RAHMAN

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LinkedIn — GitHub

Professional Summary

Aspiring Software Engineer with a strong background in Computer Engineering and a specialized focus on Software Engineering. Proficient in software development, artificial intelligence, machine learning, and web development. Dedicated to solving complex problems and advancing skills in a dynamic professional environment. Seeking opportunities to contribute and grow in the technology field.

Education

Bachelor of Technology in Computer Engineering - Software Engineering
Jain (Deemed-To-Be University), Bangalore, India
Graduation: June 2024
Final Grade: 9.10/10 — Percentage: 88.30

Relevant Coursework: Object-Oriented Analysis and Design, Machine Learning, Data Structures and Algorithms, Operating Systems, Computer Networks, Software Security, Software Testing, DevOps, Cloud Computing, Web Technology, Software Quality Management, IT Infrastructure Technology.

Technical Skills

- **Programming Languages:** Python, C

- **Databases:** SQL

- **Web Technologies:** HTML, CSS, JavaScript

- **Frameworks & Tools:** Flask, SMOTE-ENN, Randomized-SearchCV, Jupyter Notebook, Google Colab, Visual Studio Code, GitHub

Soft Skills

Creative, Critical Thinking, Problem-Solving, Communication, Presentation, Teamwork, Leadership, Time Management, Work Ethic

Professional Experience

Machine Learning Intern
Cognifyz Technologies, Maharashtra, India
June 2024 - July 2024

- Analyzed complex datasets and derived meaningful insights.

- Collected, cleaned, and interpreted data.

- Assisted in developing machine learning solutions.

Projects

AI Model for SMS Spam Detection using TF-IDF and Naive Bayes Classification
GitHub Link

- Developed an AI model that classifies SMS messages as spam or legitimate using TF-IDF with Naive Bayes classifiers.

Personalized Medicine Recommendation System with Machine Learning Technology
GitHub Link

- Developed a Symptom-Based Disease Diagnosis Web App using Flask and machine learning, providing accurate disease predictions and personalized medical recommendations.

Daily Weather
GitHub Link

- Developed a web application that fetches data from a public API and displays it dynamically on a webpage, integrating the API seamlessly into the application and presenting the fetched data clearly and visually appealingly.

Research & Publications

E-commerce-based Smart Recommendation System using element-by-element collaborative filtering with Machine Learning Technology
Published at: IEEE Xplore
Publication Link
Presented at the 2024 International Conference on Communication, Computing, and Internet of Things (IC3IoT)

Analysis of Customer Churn for Telecom Company with SMOTE-ENN and Hyperparameter Tuning Randomized-SearchCV Technique in Advanced Machine Learning Technology
To be published at: IEEE Xplore
Presented at the International Conference on Advancements in Power, Communication, and Intelligent Systems (2024)

Location-based Analysis of Restaurants with K-means Clustering in Machine Learning Technology
In review process

Predicts Restaurant Ratings based on Other Features with the Comparison of Linear Regression and Decision Tree Regression Algorithms in Machine Learning Technology
In review process

Certifications

- **Accenture North America - Coding: Development & Advanced Engineering Job Simulation**
  Issued by Forage

- **Accenture North America - Data Analytics and Visualization Virtual Experience**
  Issued by Forage

- **IBM SkillsBuild Internship - Data Analytics**
  Issued by CSRBOX

- **Problem Solving (Basic+Intermediate)**
  Issued by HackerRank

Languages

English, Bengali, Hindi

Awards

- **The Chancellor's Scholarship**
  Jain (Deemed-To-Be University), July 2020

- **Study in India (SII) Scholarship**
  Government of India, August 2021