

Gatik Alagh

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Summary — A passionate and hardworking individual with a resilient, never-give-up attitude, always open to new ideas and flexible in accepting different perspectives. Enthusiastic about exploring new technologies.

Skills

Languages: C, C++, Python, HTML, CSS, Javascript
Frameworks: React.js, Tailwind CSS, Bootstrap
Database: SQL

Tools: Git, Github
Technologies: Machine Learning, Python Libraries

Soft Skills:

Communication, Teamwork, Leadership, Creativity, Self Driven, Problem Solving, Analytical

Projects

Spotify-Clone

- Technologies Used: HTML, CSS, JavaScript
- Description: Created a web application mimicking the Spotify interface, allowing users to browse and play music
- Features: Implemented responsive design and media player functionality
- User Experience: Designed an intuitive user interface that enhances user engagement and interaction with the music player.

Bank Fraud Detection Using Machine Learning-

- Technologies Used: Python, Machine Learning
- Model: Random Forest Classifier
- Dataset: Kaggle dataset with more than 250,000 entries
- Accuracy: : Attained accuracy of up to 99
- Classification Details: Classifies transactions as fraudulent (1) or non-fraudulent (0) based on features

Password Manager

- Technologies Used: HTML, CSS, JavaScript
- Description: Developed a web application to securely store and manage passwords.
- Features: Implemented password storage, retrieval, and management functionalities with a user-friendly interface

Achievements

- Solved over 400 DSA problems across various platforms, including GeeksforGeeks (GFG), CodeStudio, and LeetCode
- Earned over 40 badges in various DSA topics on the CodeStudio platform
- Published a research paper in the Wiley Online Library

Education

Intermediate(Non-Medical)

Central Board of Secondary Education
Baba Ram Das Vidypeeth(Karnal)

88.4

2022

Computer Science Engineering in Artifical Intelligence and Machine Learning

Chandigarh University

CGPA: 8.43/10

2022-Present

Certifications

- Microsoft - Ai Azure and Fundamentals
- Coursera - Machine Learning For All
- Coursera- Python for Everybody

Research Publications

Comparative Evaluation of Machine Learning Algorithms for Bank Fraud Detection

31 July 2024

- Book Title: Integrating Metaheuristics in Computer Vision for Real-World Optimization Problems
- Machine Learning Model Used: Random Forest Classifier
- Academic Journal: Willey Online Library