

Shahbaz Aman O

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SKILLS

- **Languages:** C++, JavaScript, Python
- **Frameworks:** Tensor Flow, Keras, NumPy, Pandas, Matplotlib, Scikit learn, Computer Vision, OpenCV, HTML and CSS
- **Tools/Platform:** Machine Learning, MySQL, GitHub, Google Colab, Azure, Excel
- **Soft Skills:** Problem-Solving Skills, Team Player, Project Management, Adaptability, Flexibility

PROJECTS

- **Movie Recommendation Website** | *HTML, CSS* November 2024
 - Designed and developed a responsive movie recommendation website using HTML, CSS
 - Implemented user-friendly interfaces for browsing and searching movies
 - Created dynamic content for personalized recommendations
- **Churn Customer Prediction** | *python* August 2022
 - Gather customer data, handle missing values, and normalize features.
 - Build a decision tree model to classify churn vs. non-churn
 - Model training and Deployment to production environment for real-time prediction
- **Plant Disease Analysis** | *python* February 2022
 - Gather plant images, label them, and preprocess (resize, normalize)
 - Design a CNN architecture with layers for feature extraction.
 - Train the CNN model using labeled images, applying an appropriate activation function ReLU.
 - Use the trained model to predict plant diseases and evaluate accuracy.
- **Snake Game** | *Java, HTML, CSS, JavaScript* February 2022
 - featuring responsive design, dynamic gameplay, score tracking, and collision detection
 - Created HTML, CSS, Java and Java script pages for user interaction
 - Ensured the game adjusts smoothly to different screen sizes.

SUMMER TRAINING

- **Machine Learning and AI** | **IBM** July 2023
 - Acquired practical experience in designing, deploying, and optimizing machine learning models for various applications.
 - Handled and preprocessed large datasets exceeding 10,000 entries, enhancing model performance by 18% through feature selection and tuning.
 - Implemented and evaluated supervised and unsupervised learning algorithms, attaining an accuracy of 87% on validation datasets.
 - Leveraged Python libraries like NumPy, Scikit-learn, and TensorFlow to develop data-driven solutions and visualize key insights.

CERTIFICATES

- Artificial intelligence foundation for employability program Certification | Infosys and ICT Academy | November 2024
- Artificial intelligence | IBM | July 2023
- SQL for Data Science provided | Great Learning Academy | September 2022
- Data structures | UC San Diego and Coursera | November 2019

ACHIEVEMENTS

- **Solved 50+ questions on Leet Code** June 2023 -present
- **5-star rating in C++ on Hacker Rank:** Feb 2021 -present
Years of efforts in Programming platform
- **NSS, JRC volunteer:** Feb 2017-19
Assisted with community service and humanitarian activities
- **Science boy of the year (SBOY):** June 2017-18
Secured 1st position in the competition which showcased scientific and technical knowledge

EDUCATION

- **Lovely Professional University** Punjab, India
Bachelor of Technology - Computer Science and Engineering; CGPA: 6.8 Since August 2021
- **EMEA HSS** Kondotty, Kerala
Intermediate; Percentage: 95.48% April 2019 - March 2021
- **GVHSS** Kondotty, Kerala
Matriculation; Percentage: 98.00% April 2018 - March 2019