

AMAN GUPTA

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EDUCATION

B.tech in Computer Science , Graphic Era Hill University GPA: 9.02	May 2023
Intermediate - ISC , Mercy Memorial School Percentage: 95.75%	May 2019
High School - ICSE , Mercy Memorial School Percentage: 90.12%	May 2017

SKILLS

Languages	C/C++, Java, Javascript, Python, R, HTML, PHP
Frameworks	React, Node.js, Express, Django
Database	Oracle SQL, MongoDB
Tools	Git, Jupyter-Notebook, Visual Studio, Microsoft Office, AutoCAD
Soft Skills	Time Management, Team Player, Taking Initiatives, Problem Solving, Critical Reasoning

PROJECTS

Twitter Sentiment Analysis Python, Jupiter-Notebook, NLP, Machine Learning, API	GitHub
<ul style="list-style-type: none">Machine Learning to analyze the sentiment of a particular product on twitterRetrieves data from Twitter APIImplements Naive Bayes from sklearn library.	
Food Supply Chain Ethereum Solidity, Web3JS, JavaScript, jQuery, PHP, MySQL, HTML-CSS	GitHub
<ul style="list-style-type: none">A Decentralized End to End Logistics Application that stores the whereabouts of product at every freight hub to the Blockchain.Used Ethereum Solidity Smart Contracts for verifying details.Implements all the basic functionality like login/sign up, QR-code for products and more	
Restaurant Suggestion JavaScript, HTML-CSS	GitHub
<ul style="list-style-type: none">Developed a site that suggests restaurants using the provided fields: rating, pricing, etc.	
Chat Bot Python, NLP	GitHub
<ul style="list-style-type: none">An interactive chat-bot that can have expertise in any field provided the data on it and can converse in speech.Retrieves data using newspaper library.	
Discord Clone MERN, Socket.io	GitHub
<ul style="list-style-type: none">A full stack application based on MERN stack.Used socket.io for one to one chatting with database Support so that your chat are saved on database.Implements all the basic functionality of discord like sending text messages and files, vedio calling and more.	
Character Recognition Python, Jupiter-Notebook, Deep Learning, Machine Learning	GitHub
<ul style="list-style-type: none">This model distinguish the number 0-9 and English characters a-z with 99% accuracyRetrieved data from MNIST database & uses LeNet model for learning.Implements Multilevel Perceptron(MLP) Model from sklearn; also using Keras, Tenserflow.	

Chord DHC Java, Socket

[GitHub](#)

- Designed Chord a protocol and algorithm for a peer-to-peer distributed hash table.
- A peer can add key-value pair, get value and leave the network.

Stock Market Prediction Python, Jupiter-Notebook, Machine Learning

[GitHub](#)

- This model predicts the future price of any stock based on past trends.
- Implemented ARIMA, LSTM using sklearn library.

Stock Market Agent Python, Visual Studio, Machine Learning

[GitHub](#)

- Reinforcement Learning Model, Agent whose objective is to maximize profit.
- Agent can take actions to either buy, sell or hold a stock.

Password Generator C++, Randomize

[GitHub](#)

- Generates strong password and copies it to the click board.
- Developed a basic user interface using windows.h library.

ACHIEVEMENTS

- Codeforces - Pupil
- Leetcode rating - 3 stars (top 5% globally)
- Qualified Gate CSE - 2022 (AIR 1694)
- Second Prize at Quizard – Coding, and Quiz (Graphic Era Hill University, February 2020)

EXTRA-CURRICULAR ACTIVITIES

- Participating in quizzes and debate
- Active Member of Coding and English Club

CERTIFICATE

- Apache Spark (TM) SQL for Data Analysts (Coursera, June 2022)
- Microsoft Azure (Graphic Era Hill University, December 2021)
- edX Micro-economics (edx, June 2021)
- Java Couse (SoloLearn, March 2020)
- edX Computer Science (edx, August 2019)

PROFILE

- [Leetcode](#)
- [Codefroces](#)
- [Codechef](#)

HOBBIES

- Playing Chess and Badminton
- Reading and writing articles, posts