

TANUMAY GHOSH

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About Me

I am a highly enthusiast and a focused learner. Bringing forth a motivated attitude and a variety of powerful skills which not only help in my personal growth but will also help in organization's welfare and profits. I want to be the part of the actual development of the product and the services of your organization and work with the team to get hands on experience with them.

Skills & Proficiencies

Technical Skills

- Python
- Data Structures and Algorithms
- Machine Learning
- HTML/CSS/JavaScript

Non-Technical Skills

- Critical thinking and problem solving
- Communication
- Presentation
- Leadership Skills

Certifications and Courses

- **AWS Academy- Engineering Operations Technicians** Issued on 2nd November 2022
- **Coursera- Building Web Applications in PHP** Issued on 25th October 2022
- **Value Added Course- Web Page development, SRM School of Computing** 19th Sept 2022 - 23rd Sept 2022
- **Coursera- Data Structures** Issued on 13th December 2021

Languages Known

- English
- Hindi
- Bengali

Hobbies and Interests

- Listening to music and podcasts
- physical fitness and working out
- Gathering knowledge about stocks and cryptocurrencies
- Reading quotes and proverbs

Educational Background

- **B.Tech, SRM Institute of Science and Technology, Chennai**
CSE with specialization in Big Data Analytics (CGPA 9.2)
September 2020 - June 2024
- **12th, Lokmanya Vidya Niketan, Indore**
March 2020
- **10th, DAV Public School, Chennai**
March 2018

My Experiences and Achievements

- **Goldman Sachs FinTech Virtual Experience Program**
Dec 2022 - Dec 2022
Learned Secured Hash Algorithms (SHA) and Message Direct (MD5), Hashcat and implemented the same to crack the hashes in a virtual operating system.
- **Google Cloud Ready Program** Apr 2021 - May 2021
Completed Google Cloud Ready Program and earned Badges.
link:https://www.cloudskillsboost.google/public_profiles/d49db067-9212-4055-ae71-aadbfc08dba
- **Diploma in Fine-Arts** 2013 - 2018
Pracheen Kala Kendra, Chandigarh India

Projects

- **Color-Detection Data Science Project**
Sept 2022 - Nov 2022
Software that can be used to detect various real-world applications, such as traffic light detection, image segmentation, bio-metric identification, etc. Using various ML algorithms like K-Means, K-Nearest Neighbor classification algorithm, etc..
- **SSH HoneyPot** Sept 2022 - Nov 2022
Acts as a proxy server for any central server and used to track the behavior of attacks that are done on any main servers. The function of a honeypot is to represent itself on the internet as a potential target for attackers (usually a server or other high-value asset) and to gather information and notify defenders of any attempts to access the honeypot by unauthorized users.
- **Odessey Project** Mar 2022 - June 2022
A gaming platform consists of games and puzzle to detox and relax the player's mind.
- **My Portfolio** Sept 2022 - Sept 2022
Created my own Portfolio using HTML, CSS and Javascript. Hosted it via Github.
link: <http://tg0452.github.io/>