

Aditi Singh

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B. Tech - IIT (ISM) Dhanbad

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EXPERIENCE

Goldman Sachs Engineering Virtual Program - Participant (May 2022)

- Gained a background understanding of password cracking and cracked the provided passwords ([certificate](#))
- Determined the existing controls used by the organization and proposed uplifts to the same
- Gained skills in basic cryptography, password cracking, and password best practices
- Tech stack: Hashcat

PROJECTS

[CryptoBase](#) - Web App (March 2022)

- Created a cryptocurrency tracker application
- It is multi-page React web app that fetches data from [coinGecko API](#) and renders it to the user
- Tech stack: HTML5, CSS3, React, coinGecko API
- [GitHub Repository](#)

Twitter Sentiment Analysis (June 2022)

- Parsed and performed sentiment analysis on tweets fetched from Twitter using the [Twitter API](#), [TextBlob](#) and [Vader](#) libraries
- Tech stack: Python, Jupyter Notebook
- [GitHub Repository](#)

[Daily Journal](#)

(Feb 2022)

- Created a full stack blog website
- The website is hosted on Heroku with a database hosted on MongoDB Atlas
- Tech stack: EJS, CSS3, Node.js, MongoDB
- [GitHub Repository](#)

LEADERSHIP POSITIONS / CLUBS

- Member of LitC - Literary and Debating Club of IIT (ISM)
- Editor at Mailer Daemon - Student Media Body of IIT (ISM)
- Member of the Placement Team - Civil Engineering Department, IIT(ISM) Dhanbad

EDUCATION

Indian Institute of Technology (ISM), Dhanbad — B.Tech - Civil Engineering

2020 - 2024 CGPA - 7.68

Sri Chaitanya Techno School, Bengaluru

2018 - 2020 - 12th CBSE Board - 96.2%

Ryan International School, Bengaluru

2005 - 2018 10th ICSE Board - 97%

SKILLS

Languages	C, C++, JavaScript, Python
Web Development	HTML5, CSS3, Javascript, Bootstrap, Node.js, Express.js, React
Database	MongoDB, SQL
Tools	Git, Postman, Hashcat
Frameworks and Libraries	Numpy, Pandas, Matplotlib

ACHIEVEMENTS

- Amongst the top 5% selected for [Publicis Sapient Jumpstart 2022](#) ([certificate](#))
- AIR 4901 in [CodeKaze 2022](#), among 200k+ participants
- Secured Global Rank 342 in [CodeChef Starters 14](#)
- Ranked 638th/7573 in 30 Days of ML on [Kaggle](#)
- Secured Global Rank 1290 in [Google Code Jam to I/O for Women 2022](#) ([certificate](#))

COURSES COMPLETED ([CERTIFICATES](#))

- The Complete 2022 Web Development Bootcamp by Angela Yu
- Machine Learning by Andrew Ng
- Neural Networks and Deep Learning by DeepLearning.AI
- Introduction to Data Structures and Algorithms by Raghavendra Dixit