VARTIKA SINGH

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# Summary

Hi, I'm Vartika, a Computer Science student at SRM Institute of Science and Technology with a passion for technology and problem-solving. I am dedicated to creating efficient and impactful tech solutions.

# Education

SRM Institute of Science and Technology Sep 2021 - Present

B.Tech · Computer Science · Chennai,India 9.10/10

Sant Atulanand Residential Academy Mar 2020 - Mar 2021 12th · CBSE · Varanasi,India 7.89/10

Sant Atulanand Residential Academy Feb 2018 - Mar 2019 10th · CBSE · Varanasi,India 9.47/10

# Technical Skills

Python, Oracle APEX, HTML, SQL, CSS

# Soft Skills

Problem Solving , Communication Skills , Team Collaboration , Adaptability , Leadership Potential

# Experience

Aditya Birla Groups(Hindalco) | [Link](https://drive.google.com/file/d/1IQPie2R2nOxZszbt4bPQ3GVEzbO5uYCA/view?usp=drive_link) Oct 2024 - Nov 2024 IT Trainee · Developer · Internship Sonebhadra, Uttar Pradesh Completed an internship at Aditya Birla Group's Hindalco, where I developed an Online Voting System using Homomorphic Encryption and worked on Oracle APEX to enhance secure and efficient application workflows.

CodSoft | [Link](https://drive.google.com/file/d/1QDXk1sRTY6trsDRatAvgwv50Vfu2tDrd/view?usp=drive_link) Mar 2024 - Apr 2024

Intern · Python Programmer · Internship Virtual

Completed a CodSoft internship, developing Python-based projects including a To-Do List, Password Generator, and Scientific Calculator. These applications demonstrate proficiency in Python programming and problem-solving for real- world utility.

# Projects

Online Voting System using Homomorphic Encryption | [Link](https://github.com/vartikasingh17/Online-Voting-System-using-Homomorphic-Encryption.git) Jun 2024 - Nov 2024

Aditya Birla Group(Hindalco) · Python, Homomorphic Encryption, DBMS, HTML, CSS

Homomorphic Encryption

Developed an Online Voting System using Homomorphic encryption during an Aditya Birla Group project, ensuring secure and privacy-preserving vote processing

To-Do List | [Link](https://github.com/vartikasingh17/Task-1-To-do-List-.git) Mar 2024 - Apr 2024

CodSoft · Python, tkinter, json Python

Developed a Python-based To-Do List application to efficiently manage tasks with features for adding, editing, and deleting entries.

Password Generator | [Link](https://github.com/vartikasingh17/Task-3-Password-Generator-.git) Jun 2024 - Jul 2024

CodSoft · Python, random, string Python

Developed a Python-based Password Generator using the random and string libraries to create secure and customizable passwords.

Scientific Calculator | [Link](https://github.com/vartikasingh17/Task-2-Calculator-.git) Aug 2024 - Sep 2024

CodSoft · Python, math , tkinter Python

Developed a Scientific Calculator using Python, Tkinter, and the Math library, enabling efficient computation of complex mathematical operations through an intuitive GUI.

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| **Certifications** |  | |
| Introduction to Generative AI | [Link](https://drive.google.com/file/d/1EHBDm-k4HBlyHgNFXZVSFYYAPooOvvFu/view?usp=drive_link) Google Cloud |  | Feb 2024 - |
| Introduction to RDMS | [Link](https://drive.google.com/file/d/1-seDFiBUv7lo7YXwY0pIJ7rT1cSj3ZIt/view?usp=drive_link) Simplilearn |  | Dec 2024 - |
| SQL Certification | [Link](https://www.hackerrank.com/certificates/0b2b218bb9d4) Hackerrank |  | Feb 2024 - |
| Create Image captioning Models | [Link](https://drive.google.com/file/d/1q4F3FzwEfqQwxPraat7ZCa6IojiHZATb/view?usp=drive_link) Google Cloud |  | Mar 2024 - |
| Introduction of Artificial Intelligence | [Link](https://drive.google.com/file/d/1cCCqOYj0zsro7q6Mvnc9RYmdjdwlqZVT/view?usp=drive_link) Simplilearn |  | Dec 2024 - |
| **Micro Certification** |  |  |
| ServiceNow | [Link](https://drive.google.com/file/d/1I9rX173gAUe2T2Q5Ad3AAWUAq9Vf_34T/view?usp=drive_link) ServiceNow |  | Nov 2024 |
| **Extra Curricular Activities** |  |  |
| Google Cloud Skill Boost Certification [Arcade] | [Link](https://www.cloudskillsboost.google/public_profiles/625e7448-8510-4971-8ee8-a723feca4cdb/badges/3249752?utm_medium=social&utm_source=linkedin&utm_campaign=ql-social-share) |  | Feb 2023 - Mar 2023 |
| Data Analyst Bootcamp 2023 | [Link](https://drive.google.com/file/d/181aakVG4UX2RzAqypny7X-VOvbt5_E82/view?usp=drive_link) |  | Aug 2023 - Sep 2023 |
| Data Analytics, Storage, Mining & Visualization of Big Data Technologies  [Link](https://drive.google.com/file/d/1-xJeLh4rM-RWvZd3MtF6YMJgPj4fPl1v/view?usp=drive_link) | | | Sep 2023 - Oct 2023 |
| Excel-Microsoft Excel Course Beginner to Expert 2023 | [Link](https://drive.google.com/file/d/181aakVG4UX2RzAqypny7X-VOvbt5_E82/view?usp=drive_link) |  | Sep 2023 - Oct 2023 |
| Financial Statement using Excel | [Link](https://drive.google.com/file/d/1UlvwZm2IUMOkakhXbO2E-mLaf1fwe1bl/view?usp=drive_link) |  | Jan 2023 - Feb 2023 |
| **Competitions** |  |  |
| NCAT Exam | [Link](https://drive.google.com/file/d/1lEJetfVY1Y0o0Sb9ldVy_uOMHU_9qwbG/view?usp=drive_link)  Participant · Engineering Stream |  | Apr 2024 |
| **Links** |  |  |
| [LinkedIn](http://www.linkedin.com/in/vartika-singh-ba7025238), [GitHub](https://github.com/vartikasingh17), [HackerRank](https://www.hackerrank.com/profile/Vr4104), [HackerRank](https://www.hackerrank.com/profile/vartikasingh1711) |  |  |