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 have worked on innovative projects like an Online Voting System and Password Management Tools, showcasing my skills in Software Development and Frontend implementation. With expertise in technologies like Oracle APEX, 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 — 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 — 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 — 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 — 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 — 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   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.

Certifications

Introduction to Generative AI | Link   Feb 2024 –
Google Cloud

Introduction to RDMS | Link   Dec 2024 –
Simplilearn

SQL Certification | Link   Feb 2024 –
Hackerrank

Create Image captioning Models | Link   Mar 2024 –
Google Cloud

Introduction of Artificial Intelligence | Link   Dec 2024 –
Simplilearn

Micro Certification

ServiceNow | Link   Nov 2024
ServiceNow

Extra Curricular Activities

Google Cloud Skill Boost Certification [Arcade] | Link   Feb 2023 – Mar 2023

Data Analyst Bootcamp 2023 | Link   Aug 2023 – Sep 2023

Data Analytics, Storage, Mining & Visualization of Big Data Technologies | Sep 2023 – Oct 2023
Link

Excel-Microsoft Excel Course Beginner to Expert 2023 | Link   Sep 2023 – Oct 2023

Financial Statement using Excel | Link   Jan 2023 – Feb 2023

Competitions

NCAT Exam | Link   Apr 2024
Participant · Engineering Stream

Links

LinkedIn, GitHub, HackerRank, HackerRank