

VARTIKA SINGH

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Summary

Hi, I'm Vartika a Computer Science undergrad with experience in secure software solutions and Oracle APEX. Built real-time apps like secure voting platforms. Eager to apply my skills in the financial tech domain.

Education

SRM Institute of Science and Technology B.Tech · Computer Science · Chennai,India	Sep 2021 – Present 9.10/10
Sant Atulanand Residential Academy 12th · CBSE · Varanasi,India	Mar 2020 – Mar 2021 7.89/10
Sant Atulanand Residential Academy 10th · CBSE · Varanasi,India	Feb 2018 – Mar 2019 9.47/10

Technical Skills

Python, Oracle APEX, HTML, SQL, CSS

Soft Skills

Problem Solving , Communication Skills , Team Collaboration , Adaptability , Leadership Potential, Client-Centric Mindset

Experience

Aditya Birla Groups(Hindalco) Link IT Trainee · Developer · Internship Completed an internship at Aditya Birla Group's Hindalco, where I developed a secure Online Voting System using Homomorphic Encryption and improved workflow efficiency with Oracle APEX, demonstrating adaptability and strong problem-solving skills.	Oct 2024 – Nov 2024 Sonebhadra, Uttar Pradesh
CodSoft Link Intern · Python Programmer · Internship Completed a Python internship at CodSoft, developing real-world tools like a To-Do List and Scientific Calculator, demonstrating quick learning, collaboration, and practical problem-solving skills..	Mar 2024 – Apr 2024 Virtual

Projects

Online Voting System using Homomorphic Encryption Link Aditya Birla Group(Hindalco) · Python, Homomorphic Encryption, DBMS, HTML, CSS Engineered an Online Voting System leveraging Homomorphic Encryption under the Aditya Birla Group project, enabling end-to-end encrypted vote processing with enhanced data privacy and security.	Jun 2024 – Nov 2024 Homomorphic Encryption
To-Do List Link CodSoft · Python, tkinter, json	Mar 2024 – Apr 2024 Python
Password Generator Link CodSoft · Python, random, string	Jun 2024 – Jul 2024 Python

Engineered a Python-based password generator leveraging random and string modules to dynamically generate secure, customizable credentials based on user-defined parameters.

Engineered a feature-rich scientific calculator leveraging Python, Tkinter for GUI development, and the Math library to support high-precision evaluation of advanced mathematical expressions through a responsive and user-friendly interface.

Certifications

Introduction to Generative AI Link Google Cloud	Feb 2024 –
Introduction to RDMS Link Simplilearn	Dec 2024 –
SQL Certification Link HackerRank	Feb 2024 –
Create Image captioning Models Link Google Cloud	Mar 2024 –
Introduction of Artificial Intelligence Link Simplilearn	Dec 2024 –

Micro Certification

ServiceNow Link ServiceNow	Nov 2024
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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 Link	Sep 2023 – Oct 2023
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 Participant · Engineering Stream	Apr 2024
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Links

[LinkedIn](#), [GitHub](#), [HackerRank](#), [HackerRank](#)