Siddharth Singh Rana

Student

Motivated and detail-oriented technical professional with a demonstrated passion for results-driven problem-solving. Seeking an engaging position within a reputable IT company, leveraging a strong foundation in Java, C/C++, and Python to drive impactful outcomes. Known for innovative and resourceful thinking, consistently bringing fresh ideas to the table and expanding skills to stay ahead of the curve. A proven winner, with a history of success in numerous coding competitions at the college level.

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▣ siddharth-dev-portfolio.netlify.app/

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EDUCATION

B.Tech CSE
Graphic Era Hill University
09/2021 - 04/2025   *Dehradun*

XII(ISC)
St.Joseph's College
03/2009 - 03/2021   *Nainital*

PERSONAL PROJECTS

Telegram based chat bot for bank users
- A chatbot available through telegram.
- Enabled with NLP(Natural Language Processing).
- Uses a MongoDB back-end which stores user info.
- View project

Research paper on IOT Malware detection
- Uses binary images of files and classifies it using different image classification models.
- Gives a test accuracy of 95% and precision of 85%.
- Imports different pre-trained models through keras for image-classification.
- View project

Hashtag Finder - API based Instagram Hashtag Finder
- An INSTAGRAM GRAPH API-based application for gathering HASHTAGS from all top posts on Instagram.
- MongoDB, Express, ReactJs, NodeJs (MERN Stack).
- View project

ARDUINO robot
- Arduino robot which can be controlled via Bluetooth.
- Has InfraRed and Ultrasonic sensors.
- Objective C,Machine Learning,Arduino.

DMBS based Student Management Desktop Application
- Desktop app login, update, delete, register functionality.
- MySQL,Java Swing.
- View project

NLP(Natural Language Processing) Enabled Chatbot named NIMBLE
- Nimble is a chatbot which can interact in a human like experiance.
- It recognizes the user,s face and accesses the user's database and stores the users tasks.
- Python, MongoDB, TKinter, MySQL.
- View project

SKILLS

Git   Github   Mongo DB   MySQL
Amazon AWS   Bootstrap   HTML/CSS   React
Java   Java Swing   C/C++   Python   Bash
Linux OS   Web app Security   Tensorflow

ACHIEVEMENTS

Secured first position in Code-Chaos organized by IEEE.

Completed 200+ questions on Leetcode. ⧉

Currently working on a research paper based on image-recognition.

CERTIFICATES

Git Essential Training:The Basics

Google Cloud Foundations

Google Cloud Data and Storage Foundations

Learning Google Cloud Security

Data Structures and Algorithms: Deep Dive Using Java

Secure coding guide for Developers, Analysts and Architects

Introduction to bug bounty hunting and web application hacking

INTERESTS

Swimming   Taekwondo   Football