Vishal Singh

Software Developer

Energetic IT student, skilled in leadership,with a good foundation in coding, programming logic, and multi platform coding. Seeking to learn more development skills with a focus on collaboration, communication, passion and creativity as a programmer.

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EDUCATION

Bachelors in Information Technology
Vishwakarma Institute of Technology

2020 - 2024   *Pune*

Courses
- Data Structures and Algorithms
- Database Management and System
- Operating System
- Object Oriented Programming
- Software Design
- Machine Learning and Deep Learning

12th
Nav Vidhya Higher Secondary School Dhalote

2019 - 2020   *Jammu&Kashmir*

Percentage
- 89.9%

10th
Nav Vidhya Higher Secondary School Dhalote

2017 - 2018   *Jammu&Kashmir*

Percentage
- 83%

EXPERIENCE

Trainer
GedIT Coding Club

Work
- Worked as a trainer there and used to teach juniors regarding web development.

You Tube
NOCodeLimits (You tube Channel)

Work
- I used to solve problems there and take tutorials regarding Problem Solving.
- Worked on Editing Videos , Content writing and animating thumbnails.

Achivements
Won Ist Price

03/2023 - Present   *Prakalp Hackathon 2023 Winner*

-**Multiple Formats Video Stegnography** using AES algorithm **1st winner** from 100 participating teams at **Prakalp Hackathon** (2023)

Sponsored Projects
- *Spearheaded **two successful web development** projects for separate organizations as part of **sponsored** initiatives.*

SKILLS

C++   Java   Python   C   Android   Html   Css   Git   Bootstrap   Sql   Firebase   DBMS   Data Structures

DOMAINS

- Android Development
- Machine Learning & Image Processing
- Web Development & Database Management

PROJECTS

Sentiment-based Course Recommendation
*-Leveraged **Python, Selenium, and BeautifulSoup** to scrape course comments. Employed **Random Forest algorithm** to predict ratings out of 5. Empowers informed decision-making for course selection based on **sentiment analysis.***

Notifyomatic
*- Android app for **location-based task reminders**. Enter tasks in TODO, receive **location-triggered notifications**, and get **text-to-speech reminders**. Boost productivity with seamless task management, **interactive maps,** and efficient reminders.*

Multiple Formats Video Stegnography using AES Algorithm
*-Developed **AES-based video steganography application** for transmitting **multiple data formats within a video**. Enabled hiding and extracting **images, audio, video, and text**. Implemented this using **Python** for efficient data embedding/extraction.Successfully separated hidden data .*

LANGUAGES

English
Full Professional Proficiency

Hindi
Full Professional Proficiency

Dogri
Full Professional Proficiency

INTERESTS

Problem Solving   Content Writing   Graphics Designing   Art