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.
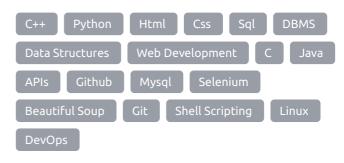- Worked on Editing Videos , Content writing and animating thumbnails.

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++   Python   Html   Css   Sql   DBMS
Data Structures   Web Development   C   Java
APIs   Github   Mysql   Selenium
Beautiful Soup   Git   Shell Scripting   Linux
DevOps

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.**

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 .*

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.*

JKBD&WS
- *Created JKBDWS for NGO "JK Blood Donors And Welfare Society" in Jammu Kathua. Designed a secure, responsive platform with Stripe payment, chatbot, and Google Maps for streamlined blood donation. Showcased technical skills and social commitment.*

LANGUAGES

English
Full Professional Proficiency

Hindi
Full Professional Proficiency

Dogri
Full Professional Proficiency

INTERESTS

Problem Solving   Content Writing
Graphics Designing   Art
Open Source Contribution