

Vishal Singh

Samba, Jammu&Kashmir, India

☎ +91-8082983769 ✉ mankotia412vishal@gmail.com [in vishal-singh](#) [vishal-singh](#)

Education

Bachelor of Technology in Information Technology

Vishwakarma Institute of Technology - **CGPA - 8.71**

Expected – June 2024

Pune, India

Higher Secondary Education

Nav Vidhya Higher Secondary School Dhalote - **Percentage - 89.8%**

March 2020

Sumb, India

Secondary Education

Nav Vidhya Higher Secondary School Dhalote - **Percentage - 83%**

March 2018

Sumb, India

Projects

Sentiment-based Course Recommendation [🔗](#) | [Python, Machine Learning, Jinja, Web Scraping](#)

- 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**.
- Developed an intuitive web app for interactive course selection.

Multiple Formats Video Steganography using AES Algorithm [🔗](#) | [Python, Image Processing](#)

- 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 .

TECHNICAL SKILLS

Languages: C, C++, Python, Java, SQL, Html, CSS , Web Development, Android, Firebase, Git.

Relevant Courses: Database Management Systems, Object Oriented Programming, ,Data Structures and Algorithms, Operating Systems, Machine Learning, Software Engineering.

ACHIEVEMENTS / CO-CURRICULAR

- **Prakalp Hackathon 2023 Winner** Multiple Formats Video Steganography using AES algorithm **1st winner** from **100+** participating teams at **Prakalp Hackathon** (2023).
- Participated in many **Hackathons** and published **3+ research** papers of my work.
- **Sponsored Projects** Spearheaded two successful **web development** projects for separate organizations as part of **sponsored** initiatives.
- **GedIT Coding Club** Worked as a trainer there and used to teach juniors regarding web development.
- **NoCodeLimits (You tube Channel)** used to solve problems there and take tutorials regarding Problem Solving.

INTERESTS

- Problem Solving, Content Writing, Graphics Designing, Art.