

# VANSH NAUTIYAL

B.Tech Student in Computer Science

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## SUMMARY

I am a B.Tech student specializing in Computer Science, passionate about leveraging technology for creative solutions. Through hands-on experiences in project development and internships, I have honed my skills in programming and digital management. My role as school captain has further developed my leadership and teamwork capabilities, making me well-prepared for future challenges.

## EXPERIENCE

### Intern

#### Khwaahish NGO

⌚ 06/2025 - 07/2025 🌍 India

An NGO focused on animal care and welfare

- Created a low-code app using Glide for digitizing records at the NGO
- Conducted teaching sessions enhancing communication and mentoring skills
- Improved organizational efficiency by transitioning to a centralized digital solution

## EDUCATION

### B.Tech Computer Science

#### UPES

⌚ 08/2024 - 08/2028 🌍 Dehradun, India

### 12th Grade

#### Little Scholars

⌚ 01/2022 - 01/2024 🌍 Kashipur, Uttarakhand

### 10th Grade

#### Little Scholars

⌚ 01/2020 - 01/2022 🌍 Kashipur, Uttarakhand

## STRENGTHS



### Leadership & Teamwork

Demonstrated leadership as a school captain, fostering team spirit and responsibility

## SKILLS

### Technical Skills

Pandas Matplotlib Python

HTML CSS JavaScript SQL

### Soft Skills

Communication Leadership

Teamwork

## PROJECTS

### Stock Price Prediction

⌚ 12/2025

🔗 <https://github.com/Vansh-Nautiyal/Stock-Price-Prediction>

A stock price prediction system that used Long Short Term Memory (LSTM) to learn historical market patterns and forecast future stock prices.

- Developed a streamlit application to predict the future price of stocks based on close price.
- Gained hands on knowledge about neural networks and their working
- Implemented a simple User Interface using streamlit

### Image Split into QRs and Reconstruction

⌚ 01/2025

🔗 <https://github.com/Vansh-Nautiyal/Image-Split-into-QRs>

A personal project to facilitate image transfer using QR codes

- Developed a Python tool for converting images into scannable QR codes
- Implemented image processing techniques with Pillow and OpenCV
- Optimized QR generation for improved scanning reliability
- Automated the encoding and reconstruction pipeline for easier image management