VAIBHAV SHARMA

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ABOUT

As an IT enthusiast and programmer, I thrive on turning ideas into functional code. My passion lies in problem-solving, continuous learning, and collaborating with fellow tech enthusiasts.

EDUCATION

Bachelor of Technology in Electronics and Communication Engineering
Ajay Kumar Garg Engineering College *(CGPA 7.3)* Expected 2025

Class 12th, DHRT Saraswati Vidhya Mandir 2019 - 2020

Class 10, DHRT Saraswati Vidhya Mandir 2017 - 2018

SKILLS

C++, Kotlin, Python, Matlab, HTML, CSS, Java Script, Tanner, Problem Solving, Google Cloud, Data Structure and Algorithms.

PROJECTS

- **Image Compression by DCT (12/2023 - 01/2024)**
  This Project is about creation of lossless compression in which we can compress image without lose in pixel.
  It uses **Matlab** and **C++** Programming Language.
- **Clone of UsabilityHub Website (10/2023 - 11/2023)**
  Developed the frontend using React for an interactive UI and managed backend processes with Node.js.
  It uses JavaScript, React, Node.js, Express, and MongoDB.
- **Python QR Code Encoder - Decoder Project (06/2023 - 07/2023)**
  Developed a **Python** project where user can create QR Codes and develop code to scan and decode them. QR Codes are versatile and find applications in product information, event tickets, mobile payments, and authentication.
- **Bank Record System (05/2023 - 05/2023)**
  This Project is about managing of Bank's Records, including functionalities like Balance,Updating and Deletion of records and keeping record of all statements, written in **C++** and with help of **STL** and **OOPs**.
- **LPG Gas detector (02/2023 - 04/2023)**
  Designed to sense gas leaks early before they reach dangerous levels. This early detection can prevent gas explosions, fires or asphyxiation.
  It uses **Arduino** and **Proteus**.

HOBBIES

Playing Cricket, Content Writing, Nature Photography

LANGUAGES

- Hindi
- English