HARSHITA GOYAL

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SUMMARY

Pursuing a Bachelor of Technology in Computer Science, skilled in C++, Visual Studio Code, web design. Hands-on experience in web development and machine learning. Strong problem-solving skills, quick learner, and eager to contribute to dynamic software teams.

EDUCATION

B.Tech , Computer Science and Information Technology   2022 - 2025
Ajay Kumar Garg Engineering College   Ghaziabad, India
Polytechnic, Computer Science Engineering   2020 - 2022
Km. Mayawati Govt Girls Polytechnic College   Badalpur, India

TECHNICAL SKILLS

Frameworks: Pandas,Numpy,Matplotlip,Scklit-Learn
Tools: Excel,sql, Power BI,QGIS
Platforms: Visual Studio Code, Google Colab,Kaggle, Github,GEE
Programming: C++/C, python, JavaScript, HTML, CSS, SQL/MySQL
Soft Skills: Teamwork, Leadership, Management,communication

PROFESSIONAL EXPERIENCE

NIT, Jalandhar, Machine learning Intern   June 2025 – Aug 2025
  • Monitoring the river shrinkage over time using NDVI and NDWI indices.
  • Analyzing Changes in Vegetation and Water Bodies Due to Human Activities and Disasters

Octanet Services Pvt. Ltd., Web Development Intern   July 2024 – Aug 2024
  • Created a To Do List Application, Temperature Converter, Portfolio.
  • Landing page showing skills as a front-end developer (JavaScript, CSS, HTML)

ACADEMIC PROJECTS

River Shrinkage Detection Using NDVI and NDWI with Remote Sensing   Fall 2025 – Spring 2025
Monitor river shrinkage over time using NDVI and NDWI indices.
  • Applied remote sensing techniques and spectral band analysis to identify water boundaries and vegetation encroachment on dried riverbeds.

Object Detection and speech guidance for low sight Individuals   Fall 2024 – Spring 2025
Detects and identifies objects in real time, providing immediate audio feedback to users.
  • Developed a real-time object detection system integrating computer vision models, emphasizing secure data processing and real-time risk mitigation for assistive technologies.

Online Doctor Appointment Booking   Fall 2023 - Spring 2024
Leading team of three to design and develop a web design or prototype to allow patients to log into websites.
  • Help to interacting and login and connecting patients to doctors on online mode and book appointment (HTML, CSS, Node JS)

Query Connection Hub   Fall 2022 – Spring 2023
Allowing users to ask questions for share ideas and engage in meaningful discussions across diverse topics.
  • Integrated search and categorization features to enhance content discoverability, helping users easily navigate and find relevant topics.(Html, css ,php,Bootstrap).

CERTIFICATIONS

  • Certificate of completion three months WEB DESIGNING training - Ducat
  • Certificate of completion c Beginner course - Udemy.
  • Certificate of completion of the c++ course (SCALER).
  • PHP and MySQL: Certification course for Beginner - Udemy