

# HARSH KUMAR

+91-8267849402

harsh826784@gmail.com

Harsh

Harsh

Harsh

## ACADEMIC DETAILS

Year	Degree/Exam	Institute	GPA / %
Aug 2021 - Current	B.TECH in Computer Science	Graphic Era Hill University, Dehradun	8.09 (GPA)
2021	12 <sup>th</sup> , C.B.S.E	Shri Guru Ram Rai Public School	79.00 %
2019	10 <sup>th</sup> , C.B.S.E	Shri Guru Ram Rai Public School	82.2 %

## TRAININGS

### Amazon ML Summer School (06 July 2024 – 28 July 2024)

- Selected for Amazon ML Summer School 2024 to learn advanced ML techniques like regression, classification, clustering and neural networks. Applying machine learning using Amazon's technologies for practical experience.
- Selected among top candidates from 20 premier engineering institutes in India for a 4-week intensive machine learning program.
- Completed rigorous training on 8 advanced ML topics including supervised learning, deep neural networks, unsupervised learning and probabilistic graphical models.
- Collaborated with peers and mentors to troubleshoot and optimize machine learning models, demonstrating adaptability and strong problem-solving skills.

## PROJECTS

### Exercise Detection and Pose Correction

- Developed an exercise detection and pose correction system using Python and MediaPipe.
- Implemented real-time form correction to detect incorrect postures, ensuring accuracy during workouts.
- Conducted extensive testing to handle variations in lighting and user positioning, troubleshooting issues to improve detection accuracy by 20%.

### E-Commerce Website with MERN Stack

- Built a full-stack e-commerce website using the MERN stack (MongoDB, Express.js, React, Node.js) with features including user authentication, product listings, and a shopping cart.
- Used Postman for API testing to verify server responses, debugging issues to ensure seamless user interactions.

### AI-Driven Wellness Advisor

- Created a healthcare platform in Python and Flask for analyzing and processing user symptoms.
- Designed and implemented a user-friendly interface to enhance the overall user experience and engagement.
- Suggested tailored medicines, diets, and workouts based on symptom analysis for personalized healthcare.
- Integrated machine learning models to predict diseases and provide data-driven health deliver data-driven health guidance.

## TECHNICAL SKILLS

- Languages:** C++, JavaScript(Node.js), HTML & CSS, SQL(MySQL), PHP, Java.
- Library and Framework :** React, Express.js, Postman, Node.js, MongoDB, Pandas, NumPy, Scikit-learn.
- Soft Skills:** Adaptability, Problem-Solving, Communication, Troubleshooting, Attention to Detail.

## SCHOLASTIC & CO-SCHOLASTIC ACHIEVEMENTS

- Solved 400+ problems in different coding platforms : leetcode, codeninjas.
- The Ultimate Coding Challenge 2.0** - Secured 1st place in a competitive intra-college coding competition, Outperforming participants from various departments, showcasing strong programming skills.