Hariom Singh

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https://www.linkedin.com/in/hariom-singh-a576a3197/
Github: https://github.com/HrOS-Summer
Leetcode:
https://leetcode.com/u/Hros_2083/

PROFESSIONAL SUMMARY

Passionate 7th-semester Computer Science student with a strong focus on web development, particularly in full-stack development using React, JavaScript, TypeScript, Node.js, Express, GSAP, and Locomotive. In addition, I have basic skills in machine learning, specifically in exploratory data analysis (EDA) using Python. Also have some basic knowledge of message queuing systems like RabbitMQ and Apache Kafka and am committed to innovative problem-solving and continuous learning.

KEY COMPETENCIES

C++ |Javascript| Python |MongoDB|React|PostgreSql|

INTERPERSONAL SKILLS

Team Management **|** Collaboration **|** Decision Making

INTERESTS & HOBBIES

Singing | Reading | Playing Badminton

EDUCATION

Bachelors in Computer Science Engineering | Chandigarh University,
Session: 2021-2025 | Current CGPA: 7.69

Intermediate (CBSE) |Puna International School, Ahmedabad, Gujarat
Session: 2019-2020 | Percentage: 65.4%

Matriculation (CBSE) | St. Mary's School, Dahod, Gujarat *Session: 2017-2018 | Percentage: 80.8%*

TRAINING & PROJECTS

Chat-App using Socket Programming [GitHub]
Designed a webapp for online chatting
- Designed and developed a chat application using React, showcasing strong front-end development skills.
- Used Socket Io library in Javascript for real-time conversations and MongoDB as database for storing user details

Crop Prediction ML Model [GitHub]
Created an ML model to predict the best suitable crop to grow on a particular piece of land.
- It is a multiclass classification problem.
- Preprocessed the data set using pandas.
- Used pycaret for comparing the efficiency of various ml models.

HouseHuntHQ [GitHub]
Built a web app for our college students to find flats, PG, and Roommates.
- Used Node js for the web backend, and react for the frontend.
- Used bcrypt js to encrypt and store the hashed password.
- Used mongo db as the database for the application
- Working on a recommendation model to recommend roommates with similar interests.

ACADEMIC ACHIEVEMENTS

- Collaborated on an augmented reality initiative led by the Associate Dean of Academic Affairs.
- Published research paper on
  U-Net based Semantic Segmentation for Road Scene Understanding [IEEE]
  Advancement in SLAM techniques and their diverse applications [IEEE]

CERTIFICATIONS & AWARDS

- Python for Data Science – Coursera (IBM)
- Introduction to TensorFlow for Artificial Intelligence, Machine Learning, and Deep Learning-Coursera (Dr AndrewNG)
- Introduction to Cloud Computing – Coursera(IBM)

EXTRA CURRICULAR & CO-CURRICULAR ACHIEVEMENTS

- Received Coursera top learner's certificate
- Taught C++ and DSA to juniors