

Harsh Raj

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EDUCATION

Chandigarh University

Bachelor of Engineering in Computer Science and Engineering

- CGPA; (till 2nd year) - 6.55

Mohali, Punjab

Aug. 2022 – May 2026

CERTIFICATION

Oracle Cloud Infrastructure Gen AI

- I have completed a certification in Oracle Cloud Infrastructure Generative AI and gained valuable insights into the field of generative AI. This knowledge will be instrumental in shaping my future endeavors and enhancing my understanding of how to leverage AI for innovative applications.

PROJECTS

Cryptocurrency Tracker | *HTML, Tailwindcss, Javascript, React*

- Built a cryptocurrency tracking platform using CoinGecko API, React, and Chart.js. Implemented real-time data updates, search functionality, dynamic charts, and responsive design to display market trends, prices, and detailed crypto statistics.

E-KYC using Computer Vision | *Python, Deep Learning, Flask*

- Developed an E-KYC system using computer vision for OCR, facial recognition, and liveness detection, improving identity verification accuracy and automating document validation. Utilized Python, OpenCV, TensorFlow, and Flask for seamless integrations.

JourneyJunction:Travel Website | *React, Node.js*

- Developed JourneyJunction, an interactive travel app using Google Maps, Places API, and RapidAPI. Integrated Travel Advisor and OpenWeather APIs for real-time location tracking, weather updates, and personalized travel recommendations

Emotionally Intelligent Chatbot | *Python, Machine Learning, Telegram, Kaggle*

- Coded in python using the Machine Learning algorithms and deployed the chatbot on telegram

Object Detection | *Python, Deep Learning, OpenCV*

- Developed object detection models using CNN, Mask R-CNN, and YOLO algorithms. Achieved real-time detection with high accuracy, leveraging TensorFlow and PyTorch for model training, validation, and optimization across diverse datasets..

TECHNICAL SKILLS

Languages: Java, Python, React , Next.js, SQL, HTML/CSS, threejs

Developer Tools: VS Code, PyCharm, IntelliJ, Jupyter Notebook, Google Collab, Firebase, webstrom

Libraries: pandas, NumPy, Matplotlib, seaborn, OpenCV, Scikit-Sklearn

Skills: Frontend Developer, Deep Learning, git

SOFT SKILLS

- Effective and fluent communicator
- Leadership Abilities