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Chetan Narware

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EDUCATION

- **Indian Institute of Information Technology, Nagpur** — Maharashtra, India
  Bachelors of Technology in Computer Science; CGPA: 7.63 — *Nov 2022 – June 2026*

PROJECTS

- **Computer Vision Model for road damage detection and Lane Detection for Autonomous vehicles**:

  - **Road Damage Detection**: Developed a YOLOV8 Model to detect damaged Road.
  - **Lane Detection**: Implemented Image processing techniques like Hough transformation, Canny edge detection And Gaussian filtering for lane detection.
  - **Future Goals**: Currently Developing an Webapp for the given model Using tailwind css, Html, React for frontend and flask for backend.

  Tech: OpenCV,pytorch,nympy,pandas,roboflow.

- **E-commerce Website Development**:

  - **Website Development**: Built a simple e-commerce website with basic functionality, including product listings, shopping cart, and checkout flow.
  - **Frontend**: Designed the frontend using basic HTML, CSS, and JavaScript, focusing on creating a responsive and user-friendly interface.
  - **Backend**: Developed a basic backend with Node.js and Express.js to manage user data and product information.
  - **Future Goals**: Looking to add more features such as user authentication and enhance the database integration using PostgreSQL.

  Tech: HTML, CSS, JavaScript, Node.js, Express.js.

SKILLS AND SUMMARY

- **Languages**: Python,C,C++, JavaScript
- **Frameworks/Technologies**: React.js, Node.js, Docker, Flask.
- **Machine Learning**Supervised and Unsupervised Learning, Regression, Classification, Clustering, Scikit-learn, TensorFlow, Keras, Model Evaluation, Hyper-parameter Tuning
- **Deep Learning**:Neural Networks, Convolutional Neural Networks (CNNs), Recurrent Neural Transfer Networks(RNNs),Learning, TensorFlow, Keras.
- **Computer Vision**:OpenCV, Image Processing, Object Detection, Image Classification, Feature Extraction
- **Soft Skills**: Leadership, Collaboration, Communication, Problem Solving

ACHIEVEMENTS

- **Codechef**: 2 star at codechef, solved above 500 problems
- **Leetcode**: Solved above 100 problems at leetcode

KEY COURSES TAKEN

- **Mathematics**: Linear Algebra, Probability and Statistics, Graph Theory
- **Computer Science**: Data Structures and Algorithms, Database Management Systems, Operating Systems, Machine Learning, Computer Vision.