Anshu Prakash Hindoyar

📞 +91 7209578131 — ✉ anshuprakash55@gmail.com — 🔗 anshu-prakash-LinkedIn — ⌨ github.com/anshujod — 💻 Leetcode

Experience

Tata Steel UISL – Internship Trainee | **March 2025 – April 2025**
Jamshedpur, Jharkhand
– Implemented people counting in an office and built a real-time attendance prototype to replace manual RFID systems.
– Labeled and trained a 30,000-image custom dataset using Roboflow and explored ByteTrack and DeepSort algorithms.

Projects

Smart Wearable for Elderly and Kids (Ongoing)
– Developed a smart wearable health monitoring prototype with fall detection and heart rate alerts for emergency assistance.
– Integrated the device with Pushbullet via Node-RED to send real-time notifications to guardians.

Expense Tracker | github.com/expense-tracker
– Built a full-stack Expense Tracker using the MERN stack, enabling users to track income and expenses with real-time data updates and persistent storage via MongoDB Atlas
– Developed a responsive front-end with React, featuring dynamic charts, transaction history, and budget insights

Brain Tumor Detection using CNN | github.com/brain-tumor-detection
– Engineered and trained a custom Convolutional Neural Network (CNN) with TensorFlow/Keras to classify MRI brain scans, achieving 97% accuracy on the test set.
– Fine-tuned the model to minimize false negatives and improved reliability using data augmentation and class weighting, raising tumor detection recall from 85% to 96%.

Technical Skills

– **Languages:** C++, C, Python
– **Core CS concepts:** Data structures and alogrithms, Computer networks, OOPS, Operating Systems, DBMS
– **Web Development:** HTML, CSS, Javascript, React.js, Express.js, Node.js, MongoDB, MySQL
– **ML & Computer Vision:** OpenCV, YOLOv8, TensorFlow, Keras, Scikit-learn, NumPy, OpenCV, Matplotlib
– **Embedded Systems:** Raspberry Pi, Arduino UNO
– **Tools:** Git, Github,

Education

Ramaiah Institute of Technology, Bangalore | **2022-2026**
Bachelor of Engineering in Electronics and Telecommunications

Narbheram Hansraj English School, Jamshedpur | **2020-2022**
ISC
Percentage: 89.75

Carmel Junior College, Jamshedpur | **2007-2020**
ICSE
Percentage: 94.75

Leadership Skills

– **Vice Treasurer, IEEE Sensors Council –** Supported financial operations and contributed to organizing technical events and workshops under the council.
– **Social Media Head, E-Cell Ramiah –** Led content strategy and promotion for startup events, boosting social media engagement and visibility of E-Cell initiatives.

Achievements

– Secured 3rd position in Capture the Flag organised by Google Developers Students Club (GDSC) RIT.
– Secured 1st position in RIT-techfest- AAVISHKAAR, showcasing problem solving and teamwork.