

YASHODIP MORE

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EDUCATION

R. C. Patel Institute of Technology
Bachelor of Technology in Electrical Engineering

Shirpur, Maharashtra
Nov 2022 – Present

TECHNICAL SKILLS

Languages: C/C++, Python, Shell, Javascript, Bash, SQL, HTML/CSS, React
Tools/Technologies : Git, GitHub, Linux, Postman, Jupyter Notebook, AWS, Kubernetes, Streamlit, GitHub Actions, CI/CD pipelines
Machine Learning & Deep Learning: Scikit-learn, Pytorch, TensorFlow, NumPy, Pandas, Seaborn, Matplotlib, NLTK, OpenCV, CUDA

EXPERIENCE

Code For GovTech (C4GT) June 2025 – Present
Fellow at Samagra Governance Remote

- designed 6+ scalable Solidity contracts for incident, auction, and work order flows, ensuring complete on-chain auditability.
- Secured 95% of KYC/identity data using Lit Protocol with wallet-gated encryption and ZK-proof-based privacy logic.
- Integrated Chainlink CCIP for seamless real-time cross-chain messaging across Ethereum, Polygon, Optimism, and Avalanche.
- implemented a modular DApp interface with Next.js, Wagmi, and Ethers.js, enhancing accessibility and feature reach by over 80%.

Annam.AI - IIT Ropar May 2025 – Present
Machine Learning Intern Remote

- Currently working as an Intern at Annam.AI, IIT Ropar, developing machine learning models for soil image classification
- Achieved F1-score of 1.0 on initial soil classification model and 0.9781 on advanced model for binary soil image detection
- Processed and preprocessed over 2,000 diverse soil images, improving model accuracy and robustness through data augmentation
- Collaborated on end-to-end pipeline from data cleaning to model evaluation, ensuring reproducible and well-documented code

Celebal Technologies May 2025 – Present
Summer Intern Remote

- Analyzing and preprocessing 50K+ data entries using pandas, NumPy, and SQL for internal analytics tasks.
- Crafted a **Convolutional Neural Network(CNN)**-based image classification model (**92% accuracy**) using TensorFlow/Keras for a prototype defect detection project.
- Applied deep learning frameworks like TensorFlow and Keras for computer vision tasks.

PROJECTS

Motix AI | *Python, Jupyter Notebook, scikit-learn, pandas, NumPy, matplotlib, seaborn* [GitHub](#)

- Delivered 93.13% classification accuracy by developing a machine learning model (KNN) for diagnosing 6 fault types in VFD motor.
- Simulated 6 critical fault conditions across 3 torque levels, generating 40K+ labeled data points via MATLAB/Simulink.
- Built scalable ML pipeline with 10+ engineered features, optimized using grid search and 5-fold cross-validation.

DeeFace Recognizer | *Python, OpenFace, scikit-learn, HOG, Linear SVM, OpenCV* [GitHub](#)

- A real-time face recognition system with deep learning, achieving 95% accuracy in identifying 200+ users..
- Enhanced detection accuracy by 10% using HOG for face detection and affine transformations for alignment.

Lumos O - Mini Linux OS | *C, Assembly, Linux, GNU Make, GCC* [GitHub](#)

- Built Lumos O, a lightweight Linux-based mini OS with a custom kernel and RAM-based filesystem.
- Developed custom Linux kernel modules and explored user-space vs kernel-space programming in C.
- Designed custom bootloader logic for OS startup and developed basic device drivers for file system interaction.

ACHIEVEMENTS

- LeetCode:** Achieved a Highest rating of **1675**, solved **400+ problems**, maintained a **200+ day streak**.
- CodeChef:** Secured a **3-Star** rating with a top rating of **1782**, ranking in the **top 6% globally**.
- Codeforces:** Earned **Pupil** rank with a global rank of **1628** in Educational Codeforces Round 176.
- GeeksforGeeks:** Attained a maximum rating of **1777**, earned **3-Star** level, and Obtained **Institute Rank 32**.
- Obtained Global **Rank 98** in CodeChef Starters 172 among 36,000+ participants.
- Secured Global **Rank 101** in CodeChef Starters 175, competing against 39,000+ coders.
- InterCollegiate Informatic and Competitive Programming Camp (IICPC):** Secured **Global Rank 121** out of **45,000+** participants in **CodeFest'25 Prelims**. ([Certificate](#))

LEADERSHIP & RESPONSIBILITIES

GeeksForGeeks July 2024 – Present
Campus Mantri Remote

- Mentored 100+ students in Data Structures and Algorithms (DSA), conducted workshops, and led coding challenges.