Yashodip More

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EDUCATION

R. C. Patel Institute of Technology   Shirpur, Maharashtra
Bachelor of Technology in Electrical Engineering   *Nov 2022 – Present*

TECHNICAL SKILLS

Languages: C/C++, Python, Javascript, Bash, SQL, Matlab
Libraries/Frameworks : React.js, Tailwind CSS, FastAPI, Streamlit, NumPy, Pandas, Seaborn, Matplotlib, Simulink
Tools/Technologies : Git, GitHub, Linux, Postman, Jupyter Notebook, VS Code, AWS
Machine Learning: Scikit-learn, TensorFlow, Pytorch, NLTK, spaCy, OpenCV
Core Fundamentals : Data Structures & Algorithms, Operating System, Computer Networks, DBMS, System Design

EXPERIENCE

Code For GovTech (C4GT)   June 2025 – Present
Open Source Developer at C4GT   *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 CNN-based image classification model (92% accuracy) using TensorFlow/Keras for a prototype defect detection project.
- Applied 5+ machine learning algorithms to real-world datasets; optimized models for performance and interpretability.

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 core OS features, including a minimal shell, process management, and custom drivers.

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.