

YASHODIP MORE

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Objective

Final-year Electrical Engineering undergraduate with strong programming fundamentals and experience in software development. Skilled in Python, C++, and building scalable applications. Looking for a full-time internship to contribute to software engineering projects while deepening expertise in system design and development practices.

Technical Skills

Languages: Python, C++, JavaScript, SQL

Web Development: React, HTML/CSS, FastAPI, Express.js

Machine Learning: PyTorch, TensorFlow, Scikit-learn, OpenCV, NLP

Tools & Technologies: Git, GitHub, Docker, Linux, MySQL, AWS, Postman

Core Fundamentals : Data Structures & Algorithms, Operating System, Computer Networks, DBMS, Object Oriented Programming

Experience

RISC-V International

LFX Mentorship Program (Software Engineering) | Mentor: Paul Clarke

Sep 2025 – Nov 2025

Remote

- Selected for **Linux Foundation Mentorship (LFX) Fall 2025** to work on RISC-V automation projects.
- Developed automated pipelines transforming **RISC-V Unified Database (YAML)** into assembler and compiler components.
- Reduced manual intervention in **ISA-based workflows**, improving reliability and maintainability across toolchains.
- Collaborated within the **open-source RISC-V ecosystem**, gaining experience in compiler engineering and software tooling.

Code For GovTech (C4GT)

Open Source Developer | Mentor: Manusheel Gupta

Jun 2025 – Aug 2025

Remote

- Migrated **Government Billing Solution** from **Ionic 5** to **Ionic React 8.6.5**, improving app performance and maintainability.
- Integrated **Google AdMob** and **In-App Purchase** features using Google Play Console, enabling monetization in production.
- Implemented **inventory management**, **vehicle maintenance tracking**, and billing features for government agencies.
- Deployed and tested application on **Google Play Console**, taking MVP from development to **production-ready state**.

Annam.AI – IIT Ropar

Research Intern (Project Lead) | Mentor: Dr. Niranjan Deshpande

May 2025 – Jul 2025

Rupnagar, Punjab

- Led team of **5 developers** building AgriWaste2Fuel, an AI-powered waste classification and carbon credit estimation system.
- Architected backend using **FastAPI**, integrated **YOLOv8** for waste detection, and developed **GHG savings calculator**.
- Managed project workflow through **GitHub issues**, **code reviews**, and coordinated weekly mentor meetings.
- Handled **backend integration**, **API development**, and **deployment** while delegating frontend and ML tasks to team members.

Projects

AgriWaste2Fuel

[Live Link](#)

- Built **AI-powered system** for agricultural waste classification using **YOLOv8** and **NLP-based text processing**.
- Developed **GHG emissions calculator** and **carbon credit estimator** using IPCC emission factors and industry standards.
- Architected **FastAPI backend** with PostgreSQL database, integrated ML models, and deployed on **Render** with React frontend.

Motix AI

[GitHub](#)

- Developed **predictive maintenance system** for industrial motors achieving **93.13% fault detection accuracy**.
- Simulated **6 fault conditions** across **3 torque levels** using MATLAB/Simulink, generating **40K+** labeled training samples.
- Built **ML pipeline** with feature engineering and hyperparameter tuning using **grid search with 5-fold cross-validation**.

Achievements

- Secured **3rd Position** at **Annam.AI Hackathon 2025 (IIT Ropar)** among **100+ teams**, winning **3 Lakh** cash prize and selected for **Phase II Mentored Research & Funding** under Centre of Excellence in AI for Agriculture.
- Ranked **4th among Top 10** finalists (from **1,800+** teams) in the **GSMA Open Gateway Hackathon – India Connected: APIs for a Billion Lives**.
- Achieved **LeetCode rating of 1675**, solved **400+ problems**, and maintained a **200+ day streak**, demonstrating consistent problem-solving skills.
- Attained **3-Star rating on CodeChef** with peak rating of **1782**, ranking in the **top 6% globally**.
- Secured **Global Rank 121** out of **45,000+** participants in **IICPC CodeFest'25 Prelims** organized by IIT Madras.

Education

R. C. Patel Institute of Technology

Shirpur, Maharashtra

Bachelor of Technology in Electrical Engineering; Expected Graduation: May 2026