

# DINAKAR PATHAKOTA

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📍 Hyderabad, Telangana

## PROJECTS

### Mobile App for PJTSAU

#### KL University Hyderabad

📅 Sept 2024 – Present

📍 Hyderabad, India

- Developed a mobile application for the Professor Jayashankar Telangana State Agricultural University (PJTSAU) to assist farmers in resolving agricultural issues. The app allows farmers to upload images of their crops, which professors review to provide expert solutions. Additionally, the app gathers data to build a comprehensive dataset for future AI model training aimed at predictive analysis and automated support for farming.
- Keywords:** Mobile Development, Agriculture Support, Data Collection, AI Integration

### Rag Application with PDF Inputs and LLama3 Model Training Using Ollama

#### NTechX

📅 February 2024 – August 2024

📍 Hyderabad, India

### Student Activity Centre Server

#### KL University Hyderabad

📅 August 2023 – October 2023

📍 Hyderabad, India

- I've successfully developed a file storage server tailored for the Student Activity Centre, providing seamless access to important documents and resources. This server enhances organization and accessibility, facilitating smooth collaboration among students and staff.
- Keywords:** Linux, Server, Security measures

### Smart Farming IoT Project (AI-Driven Weed Detection)

#### KL University Hyderabad

📅 October 2023

📍 KL University Hyderabad

- Implemented an IoT-based solution that utilizes AI for detecting weeds and unwanted pests in large-scale farms, enabling farmers to identify and address infestations efficiently.
- Keywords:** IoT, AI, Image Recognition

## EXPERIENCE

### Data Analyst Intern

#### Opal Nexus

📅 March 2024 – June 2024

📍 Hyderabad, India

- Collect and analyze user data to understand user behavior and product performance.
- Develop data-driven insights to inform product decisions and marketing strategies.
- Identify trends and opportunities for product improvement.
- Create reports and presentations to communicate findings to stakeholders.

## ACHIEVEMENTS

### 2-Time Hackathon Winner

- Successfully led a team to victory in two 24-hour hackathons, showcasing innovation, leadership, and teamwork to win both events.

### Competitive Coding Platforms

- Rated 880 on CodeForces
- Leetcode with a rating of 1217
- Rated 1623 and earned a Three Star rating on CodeChef

## SOFT SKILLS

Hard-working (18/24)

Research

Teamwork

Communication

Adaptability

Public Speaking

Strategic Thinking

Leadership

## PROFESSIONAL SKILLS

Python

Java

HTML/CSS/JS

C/C++

Git/GitHub

AWS

## STRENGTHS

### Development

C/C++

Python

Java

SQL

JavaScript

HTML

CSS

Git

MongoDB

Firebase

Netlify

### Development Tools - IDE

Visual Studio

VS Code

IntelliJ

Atom

### Forensic Tools

Nmap

BurpSuite

WireShark

Kali

## EDUCATION

### KL University Hyderabad

#### Bachelor of Technology(Honors), Computer Science and Engineering

📅 Graduation by August 2026

CGPA - 8.51