

DURGA PRASAD KAMIREDDI

📞 91+ 6305049622 ✉ saikamireddi3@gmail.com 🔗 [linkedin.com/in/DurgaPrasad](https://www.linkedin.com/in/DurgaPrasad)

Technical Skill

Programming Languages: JavaScript, Python

Frontend Development: React, Redux, HTML, CSS, Tailwind CSS

Backend Development: Node JS, Express JS, MongoDB, Mongoose, SQL, Sequelize

Tools: Git, GitHub, Postman, Vercel

Artificial Intelligence: Machine Learning, Deep Learning

Computer Science Fundamentals: DSA, DBMS, Computer Networks

Experience

Innomatics Research Labs

February 2023 – May 2023

Data Science Intern

Hyderabad, India

- Developed and **implemented sophisticated plant disease detection system using machine Learning, deep Learning**, applying data-cleaning algorithms, building backend applications with Flask, and enhancing image quality using advanced technologies like computer vision.
- Cleaned and pre-processes large datasets using computer vision algorithms, built **backend API's** using Flask and **Integrating with Frontend**
- Delivered a solution with 85% accuracy**, making it viable for drone integration. Improved project efficiency and scalability by applying clean coding practices and robust project structuring.

Projects

Sociofy: Social Media App 🔗 [Link](#)

April 2025 - May 2025

- Developed and deployed a full-featured social media web application with **React and Redux**, implementing reusable, responsive UI components and API Integration. Implemented **user authentication**, post management, follow & unfollow, password reset, forgot password and personalized content views.
- Built optimized backend API's using **Node JS, Express JS and MongoDB**, leveraging **Multer & Cloudinary** for image handling, fs module for automated folder creation, and soft delete.
- Designed and implemented interactive engagement systems such as likes & dislikes, comments.

PaySphere: Payment & Transaction Management 🔗 [Link](#)

June 2025 - July 2025

- Developed secure authentication using **JWT tokens**, enabling personalized dashboards for admins
- Built dynamic pages like **Create Payment, Check Status, and School Transactions** using **React JS**, ensuring responsive UI and smooth user experience
- Designed and implemented **RESTful APIs** for digital fee collection, payment tracking, and transaction Management using **Node JS and Express JS**
- Enabled admins to **generate payment links**, track **transaction history**, and perform searches and filters for efficient school fee management

Education

Acharya Nagarjuna University

Aug 2020 – Jul 2024

B. Tech Mechanical Engineering with **Minor Computer Science Engineering**
Guntur, India **GPA:8.6**

Certifications & Achievements

- Ranked in the **Top 10%** in the **Innomatics Research Labs Hackathon**, earning an **internship opportunity**
- NPTEL Certification in Computer Vision with **69%**
- Engaged in **IBM Machine Learning course** on Coursera, applying **ML concepts and algorithms** to real-world datasets.