

Durga Prasad Kamireddi

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SKILLS

MERN Stack: JavaScript, TypeScript, React, Redux, NodeJS, ExpressJS

Databases: MongoDB, SQL, Mongoose, Sequelize

Frontend: HTML, CSS, Tailwind CSS

Tools: Git, GitHub, Postman, Vercel

Fundamentals: DSA, DBMS, Computer Networks

Other: Python, Machine Learning, Deep Learning

WORK EXPERIENCE

Nomad Skills - Freelance Full Stack Developer

Sep2025 – Present

- Collaborating with a small team to design and develop **Nomad Skills, an e-learning platform**. Built and launched the landing page, which is now live.
- Currently developing the student portal with features like authentication and dashboards. Using technologies such as **React, Node.js, Express, MongoDB, and Tailwind CSS**.
- Gaining hands-on experience in end-to-end development, API integration, and responsive UI design.

Innomatics Research Labs - Data Science Intern

Feb 2023 - May 2023

- Developed a plant disease detection system using **ML/DL achieving 85%** accuracy for potential drone integration.
- Cleaned and pre-processed **50,000+ images** and built **backend APIs** with Flask integrated with frontend.
- Improved project efficiency and scalability, **reducing processing time by 30%** through clean coding and robust structuring.

PROJECTS

Sociofy: Social Media Application

[Link to Demo](#)

- Developed a full-featured social media platform enabling users to post, interact, and manage personalized feeds with **secure user authentication (JWT)**
- Engineered and deployed **15+ scalable APIs** using **Node.js, Express.js**, and **MongoDB**, integrating **Multer** and **Cloudinary** for optimized image upload and storage handling.
- Optimized **scalability and performance**, supporting up to **500+ concurrent users**, with automated folder creation using the **fs module** and efficient soft delete implementation.

PaySphere: Payment & Transaction Management System

[Link to Demo](#)

- Developed a secure digital payment platform that streamlines school fee transactions, payment tracking, and real-time status monitoring for administrators and users
- Designed and implemented **8+ RESTful APIs** using **Node.js** and **Express.js** for digital fee collection, transaction management, and real-time status updates
- **Built 5+ dynamic pages** such as Create Payment, Check Status, and School Transactions using **React** and **Tailwind CSS**, ensuring smooth navigation and responsive UI.

EDUCATION

Acharya Nagarjuna University

Aug 2020 – Jul 2024

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