

UMAMAHESH MELAPAKULA

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[Linkedin](#) | [GitHub](#) | [Portfolio](#)

PROFESSIONAL SUMMARY

Software Engineer with 4 years of experience building scalable enterprise web applications and product-based solutions using React.js, Next.js, TypeScript, Node.js, Express.js, PostgreSQL, and MongoDB. Skilled in frontend-focused full stack development, REST API integration, dashboard systems, reusable component architecture, and performance optimization. Experienced in developing responsive and high-performance applications in agile product environments with strong expertise in clean architecture, modern UI engineering, and scalable application development.

TECHNICAL SKILLS

Frontend

React.js, Next.js, JavaScript (ES6+), TypeScript, Redux Toolkit, HTML5, CSS3, Tailwind CSS, Material UI (MUI), Chakra UI, Bootstrap, Responsive Design

Backend

Node.js, Express.js, RESTful APIs, API Integration, Authentication (JWT, OAuth), Microservices Architecture

Database

MySQL, MongoDB,

Tools & Practices

Git, GitHub, Postman, Docker (Basic), Agile/Scrum, CI/CD Basics

PROFESSIONAL EXPERIENCE

Sri Vibhave Groups

Software Engineer / Full Stack Developer

June 2024 – Present

POS Platform

- Developed core modules for a large-scale POS platform used for retail and business management operations.
- Built inventory management, catalog management, combo management, billing, and reporting modules.
- Designed scalable reusable UI components using React.js, Next.js, and TypeScript.
- Developed RESTful APIs using Node.js and Express.js for business-critical workflows.
- Integrated backend APIs for inventory operations, billing workflows, and reporting systems.
- Collaborated with cross-functional engineering teams in Agile/Scrum environments.
- Developed 20+ reusable UI components improving development efficiency and maintainability

Infolog Solutions

Full Stack Developer

April 2024– May 2024 | Bangalore

- Contributed to logistics and shipment management web application development.
 - Developed order management frontend pages using React.js and Next.js.
 - Built responsive reusable UI components improving usability and performance.
 - Integrated backend APIs for order tracking and transaction processing.
 - Worked with Node.js and Express.js services for workflow automation.
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Projects

Enterprise POS Management System

Developed scalable POS modules including inventory management, billing, reporting, and catalog Systems using React.js, Next.js, TypeScript, Node.js, and PostgreSQL.

Logistics & Shipment Tracking Platform

Built shipment tracking and transaction management modules with responsive frontend pages and API-driven workflows using MERN technologies.

EDUCATION

Bachelor of Engineering (Mechanical Engineering)

Rayalaseema University

2020 – 2023

Diploma in Mechanical Engineering

Dr. YC James Yen Polytechnic, Kuppam

2017 – 2020

Full Stack Web Development Program

Masai School

2021 – 2022

CERTIFICATIONS

- Full Stack Web Development (MERN)
 - Cisco IT Essentials
 - Python Basics
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LANGUAGES

- Telugu (Native)
- English (Professional)
- Hindi (Professional)
- Kannada (Beginner)