Gnaneswar Yalla

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Education

VISHNU INSTITUTE OF TECHNOLOGY	Bhimavaram
Bachelor of Technology in Computer Science and Engineering, CGPA: 9.09	2021-2025
Honors in Artificial Intelligence and Machine Learning	2022-2024
JAWAHAR NAVODAYA VIDYALAYA	Pedavegi
12th class - CBSE, Percentage: 86	2021

Experience

Junior Full Stack Developer   Madhapur, Hyderabad
Quadric IT   June 2024 - Present

- Led development of CloFast, an automatic reconciliation tool, boosting accuracy and efficiency for accountants and management.
- Collaborated with cross-functional teams to design and optimize features, improving performance and user experience.
- Implemented AI and ML-driven strategies, including computer vision techniques, reducing manual intervention and enhancing automation.

Skills

Programming Languages: Java, Python

Web Technologies: HTML, CSS, Javascript, ReactJs, NodeJS, ExpressJS, React Native

Databases: MySQL, MongoDB, PostgreSQL, FireBase

Designing Tool: Figma

Version Control: Git, Github

Developer Tools: VS Code, Google Colab

Operating Systems: Windows, Linux

Course Work: Data Structures and Algorithms, Machine Learning

Projects

Expiry Tracker | Tech Stack: React Native, Express JS, Node Js, MongoDB   December 2025 - Present

- A mobile app that automates product expiry tracking using barcode scanning and AI-powered text extraction, with expiry notifications for users..
- Used Azure AI for expiry recognition, web scraping for product details, price comparison across e-commerce sites, and Google login Integration.
- Implemented multilingual support, text-to-audio conversion, and fake product detection, making the app fully automated with no manual entry.

StudyEasy | Tech Stack: MERN   February 2024 - April 2024

- It is a centralized study resource platform designed to minimize distractions, enhance learning efficiency, and is deployed online.
- Features include role-based access for admins and Learners, course and content management, dashboards, profile management,.
- Integrated Gemini API for chatbot assistance and implemented secure authentication using JWT and OTP-based password recovery.

ContentPulse | Tech Stack: MERN   June 2024 - July 2024

- It is a MERN-stack social media platform for organizational communication, enabling users to share updates, posts, and comments, likes.
- It includes login, profile management, friend lists, post interactions, an enhanced comment section, and light/dark mode.
- Implemented JWT authentication for secure access, deployed the frontend on Vercel and the backend on Render for seamless performance.

Sports Scheduler | Tech Stack: HTML, CSS, JS, Express JS, Node JS, PostgreSQL   June 2024 - July 2024

- It is an online platform for organizing and managing sports events, enabling organizers to schedule events and players to register.
- Features include role-based access, event scheduling, player registration, event management, and a dashboard for tracking activities.
- Allows players to register individually or as a team, with an option to manage their registrations through a dedicated section.

Minor Projects: Profile App, Text Translator, Project Management System, Comment Toxicity Detection using ML.

Certificates

- React Basics certificate from Meta	October 2023
- Advanced React certificate from Meta	December 2023
- Full Stack Web Development certificate from Codinza powered by StudyOwl	December 2023
- Natural Language Processing certificate from NPTEL	April 2023
- Cloud Foundations certificate from AWS Academy	October 2023
- Machine Learning Foundations certificate from AWS Academy	November 2023

Activities

- Best Full Stack Project Award from Codinza powered by StudyOwl .
- GeeksForGeeks Institute Rank: Top 1% (12/3000)
- Solved 600+ problems in LeetCode & GeeksForGeeks
- 2nd Prize in IOT Protothon in VALIANT 2023, VIT college Fest
- 3rd Prize in TechnoGeek in Trance 2023, SRKR Engineering college fest
- Participated in Smart India Hackathon in 2022 & 2023.
- Participated in AWS DevOps workshop

Interests

Team Leading | Team Work | Attention in detail | Problem Solving | Solving Bugs