

PATNALA SHYAM RAM

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EDUCATION

IIT Hyderabad

Bachelor of Technology in Chemical Engineering

July 2024

CGPA: 7.25

Academic Coursework: Data Structures and Algorithms (C++), Object-Oriented Programming, Operating Systems, Database Management Systems, System Design

EXPERIENCE

Hibbert Consulting Pvt Ltd | Hyderabad

Sep 2024 - Present

Full Stack Developer

- Developed a data tool (campaign tracker) featuring sortable and filterable tables with **React**, improving interaction speed by **30%**.
- Integrated a Python-based audience segmentation tool with **Node.js** APIs, reducing data processing time.
- Developed a collaboration system (client portal) featuring real-time messaging with **Socket.io**, enhancing user interaction.
- Implemented JWT/SSO authentication system using Node.js, integrating with **Amazon SES** for emails.
- Optimized **PostgreSQL** queries for the campaign tracker, cutting data load times by **20%**.

Nexlify | Remote

April 2023 - July 2023

Software Developer Intern

- Developed using **Python** and **Django** to enable real-time order retrieval for a restaurant management web application.
- Optimized **PostgreSQL** database performance by scripting data deduplication and resolving runtime bugs in backend workflows.
- Integrated order tracking and reporting features, boosting operational efficiency for small businesses.

TECHNICAL SKILLS

- Languages & Frameworks:** C/C++, Python (Django), JavaScript (Node.js, React), TypeScript, SQL
- Databases & Tools:** PostgreSQL, MongoDB, Git, Jenkins

PROJECTS

AI Writing Assistant | React, Privy, OpenAI API, Express

[Link](#)

- Developed an AI-powered writing assistant with grammar correction and rephrasing features, utilizing React for the frontend, Express for the backend, and OpenAI's API for language processing.
- Implemented secure user authentication and integrated Ethereum wallet functionality using Privy for security.

Interactive Social Media Platform | React, Vite, PostgreSQL, Supabase, Tailwind CSS, TypeScript

[Link](#)

- Developed a full-stack social media platform featuring secure GitHub authentication, dynamic nested commenting, and real-time post creation with image uploads.
- Designed a modern glassmorphism-based UI with real-time voting functionality for enhanced engagement.

ACHIEVEMENTS

- Ranked in the **top 5%** in the Google Kickstart coding competition among 50,000 global participants.).
- Achieved Knight badge on Leetcode and solved 600+ questions. (1016 global rank on biweekly contest).
- Secured **AIR 11375** among 0.15 million candidates appearing for the test in JEE Advanced.