Suryatej Ponnapalli

✉ suryatej.ind@gmail.com   🔗 Suryatej Ponnapalli   🔗 Suryatej Ponnapalli

Education

Gandhi Institute of Technology And Management — Expected May 2026
Bachelor of Science in Computer Science(AIML) (GPA: 8.11 / 10.00) — *Hyderabad, Telangana*
- **Relevant Coursework:** Data Structures and Algorithms (C), Prob & Stat , Intro to Java, Computer Networks

Experience

Qritrim — May 2024 – Jun 2024
React Developer — *Hyderabad, Telangana*
- Developed the frontend for a chatbot application using React.
- Integrated the UI/UX with Redash opensource.
- Optimized data handling to enhance frontend performance.

Projects

Ridemama | *Next.js, Express.js, MongoDB, Ola Maps, Docker, Razorpay* ridemama.in — August 2024 – Present
- Built a backend system for a carpooling app to handle ride hosting and trip requests.
- Used Ola Maps API for location finding and route planning.
- Used AWS S3 and Cloudfront CDN for storing and retrieving images.
- Deployed the app with Docker on a DigitalOcean VPS for scalability.
- Handled the dockerised containers using docker compose with yaml file.

DRM-System | *Next.js, AWS, Fingerprint.js, Tailwind* Github
- Built a DRM system for safe video playing.
- Used FFMPEG to encrypt the videos and store it in AWS with .ts files with added watermarks.
- Used HLS streaming library to stream the decoded video.

CodeCollab | *Express, MongoDB, OAuth, JWT* Github
- Developed the backend for a GitHub clone.
- Implemented GitHub OAuth for user authentication.
- Created a system to store user and repository information.

BookStore Manager | *Go, Gin, NoSQL* Github
- Developed the backend for a bookstore management system.
- Implemented CRUD operations using the Gin framework.
- Designed the architecture for managing the bookstore's database.

Weather Website | *React, OpenWeather API, Axios* Github
- Built a responsive weather website.
- Used the OpenWeather API to display weather data based on location.
- Handled API calls efficiently using Axios.

Technical Skills

Languages: Go, JavaScript, TypeScript, Python, Java
Technologies: React.js, Next.js, Express.js, Go Gin, Docker, Docker Compose, AWS, Node.js, Nginx, REST, MongoDB, MySQL, Tailwind CSS
Concepts: JWT Authentication, Session Management, API Design, Server-Side Rendering (SSR), Client-Side Rendering (CSR), Static Site Generation (SSG), Microservices, Caching, Load Balancing, Reverse Proxy,Indexing, Cloud Deployment, Scalable Architectures

Social Engagements

Member: Of Google Developers On Campus, Gitam Hyderabad
Member : Of Github Gitam