RAAVI MAHESH CHOWDARY

Vijayawada,AP

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SUMMARY

Results-driven Cloud Frontend Developer with expertise in React.js, Tailwind CSS, and cloud-native applications. Experienced in building scalable frontend architectures for 5+ projects, with knowledge of REST APIs and Agile methodologies. AWS Certified Cloud Practitioner with hands-on experience in optimizing web performance by 40% and enhancing UI/UX for monthly users. Passionate about delivering maintainable frontend solutions, advancing DevOps practices, and driving innovative user experiences.

EDUCATION

VIT AP University   **08 2021 – 05 2025**
B.Tech CSE AI & ML - CGPA - 8.58   *Amaravati, AP*

Sri Chaitanya Academy Junior College   **06 2019 – 05 2021**
Intermediate - MPC - Percentage - 96.4%   *Vijayawada, AP*

Sri Vidyalaya E.M High School   **06 2018 – 05 2019**
Secondary School - 10th - CGPA - 9.8   *Vijayawada, AP*

PROJECTS

Shopping Cart Product Recommender ⧉ | Python, FastAPI, React.js, EfficientNet, Docker, Netlify, Render
- **Engineered a product recommendation system using the Stanford Online Products dataset (120,000+ images, 12 classes), achieving 90% classification accuracy with EfficientNet model on 80k training images.**
- Developed a FastAPI backend, dockerized with 95% test coverage, deployed on Render, processing 100+ image classification requests per minute and recommending products from an dedicated item catalog.
- Designed a responsive React.js frontend with Tailwind CSS, enabling 500+ daily image uploads and product recommendations, deployed on Netlify with 99.9% uptime.

High Resolution Media Hub ⧉ | HTML, CSS, Netlify
- **Improved fan engagement by creating a structured platform to showcase HD images of JR NTR's movies**.
- Designed and maintained a user-friendly platform showcasing over 1,000 high-definition images from 30+ JR NTR movies, enhancing fan engagement.
- Polished user experience through intuitive navigation and effective content presentation.

Movie Review Sentiment Analyzer ⧉ | React.js, Tailwind.css, NLP, Vercel
- **Established an NLP-based sentiment analysis classifier achieving 85% accuracy in categorizing movie reviews as positive, negative, or neutral.**
- Created an intuitive web interface for seamless user input and real-time review analysis.
- Released the application on Vercel, streamlining access and ensuring scalability to meet user growth.

TECHNICAL SKILLS

- **Programming Languages:** Python, SQL, RESTAPIs
- **Web Development:** React.js, HTML, CSS, Tailwind CSS
- **Cloud:** AWS (Certified Cloud Practitioner), Google Cloud (Digital Leader)
- **DevOps & CICD:** Git, Docker, Kubernetes
- **Soft Skills:** Analytical Thinking, Logical Problem-Solving, Leadership and Adaptability
- **Collaboration & Communication:** Cross-functional teamwork, Stakeholder communication, documentation.

ACHIEVEMENTS

- Served as **Co-Lead** of the **Marketing Team for Laughing Club, VIT-AP**, demonstrating strong communication and leadership skills. Spearheaded marketing campaigns, increasing engagement by 25%.
- Coordinated the **Sports Accommodation Committee** during **VITOPIA 2023**, showcasing organizational and teamwork abilities. Managed logistics for 300+ participants, ensuring seamless accommodation.
- Organized large-scale technical and cultural events, demonstrating leadership and teamwork. Consistently recognized for adaptability and proactive problem-solving skills.

CERTIFICATIONS

- AWS Cloud Practitioner ⧉   • Google Cloud Digital Leader ⧉