Raghavendra Baheti

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Education

Techno NJR Institute of Technology   Udaipur, Rajasthan
Bachelor of Technology in Computer Science   09/2022 - 06/2026

Skills

Programming Languages: C, JavaScript , Java
Technologies: ReactJS, MySQL, AWS, Jenkins, Kubernetes, Docker, Ansible
Tools and Frameworks: Git, GitHub, Postman

Projects

DSA Quiz
- Built with React to help users improve DSA skills through quizzes.
- Used JSON for structured question storage and efficient data flow.

Personal Portfolio
- Developed a responsive multi-page portfolio using React.js, React-Bootstrap, and custom CSS, and showcasing technical projects.
- Deployed using AWS EC2 for enhanced control and scalability.

CI/CD Pipeline Using Jenkins, Ansible & Docker on AWS EC2
- Automated web application deployment using a CI/CD pipeline built with Jenkins, Ansible, and Docker on AWS EC2 instances.
- Configured GitHub webhook to trigger Jenkins, which fetches code, builds Docker images, and pushes them to Docker Hub.
- Used Ansible to orchestrate container deployment and ensure smooth provisioning on EC2 instances.

Other Activities

Smart India Hackathon 2024   Frontend Developer
ML-Based CAPTCHA Refinement System
- Constructed a user-friendly interface prototype using Figma and converted it into a live frontend using HTML, CSS, JavaScript, and ReactJS.
- Integrated machine learning models into the system, enhancing CAPTCHA security and improving automated bot detection.
- Assisted in designing and structuring the presentation content, which contributed to securing the 1st position for our college.

Logithon Hackathon 2025   Backend & Deployment
Multi-Modal Cross-Border Route Optimization System
- Developed an AI-powered logistics system for optimizing cross-border cargo shipping routes using multi-modal transportation (land, air, sea).
- Designed and deployed a scalable backend infrastructure using Flask, MySQL, and Kubernetes, ensuring high availability and efficiency.
- Implemented Dijkstra's Algorithm with NetworkX to compute optimal shipping routes based on cost, transit time, and feasibility.
- Collaborated in a cross-functional team to integrate frontend, backend, and database components, ensuring seamless system performance.