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Devang Rakholiya

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EDUCATION

Bachelor of Technology in Computer Engineering, LJ University	Nov 2022(Currently pursuing)
Higher Secondary Certificate, Jawahar Navodaya Vidyalaya , Gandhinagar	2021-2022
Secondary School Certificate, Jawahar Navodaya Vidyalaya , Amreli	2019-2020

SKILLS

Programming	Python, Java ,JavaScript
Web Technologies	React, HTML, CSS, Tailwind CSS , NodeJs, Express ,Typescript, Django
Database	PostgreSQL, MySQL, MongoDB , AWS S3, Redis
Cloud Technologies	Docker , AWS
Project Management	Git

PROJECTS

Vercel Clone, AWS (ECS ,ECR ,S3), Docker, React, Node.js, Express
- Built a Vercel-like deployment platform using Node.js, Docker, and AWS ECS, automating project builds via Git and deploying Dockerized applications for scalable cloud deployment.
- Designed an efficient system to manage static assets such as HTML, CSS, and JS files on Amazon S3, and configured a Reverse Proxy for routing traffic across multiple environments, ensuring seamless access to live applications.
- Enhanced deployment efficiency by implementing CI/CD workflows, leveraging AWS Elastic Container Registry (ECR) for image storage and ECS for container orchestration, optimizing project deployment pipelines.

Real-Time Video Streaming Platform, HTML, CSS, JavaScript, Node.js, Express, Socket.IO , Docker
- Developed a real-time video streaming web application using Node.js, Socket.IO, and WebRTC, with seamless integration of FFmpeg to enable video streaming to platforms like YouTube.
- Implemented WebSockets for real-time video data transmission, ensuring smooth binary stream transfer between clients and servers, providing uninterrupted live broadcasting functionality.
- Enhanced application scalability and performance by containerizing the platform with Docker, ensuring consistent deployment across development, staging, and production environments.

E-commerce Website Development: Quantum, HTML, CSS, JavaScript
- Designed and developed a visually appealing and fully responsive e-commerce website named Quantum, featuring a dynamic navigation menu, product showcases, and promotional sections for a seamless shopping experience.
- Integrated smooth scrolling, CSS animations, and a mobile-friendly design to enhance user engagement, while optimizing the site for cross-browser compatibility and diverse screen sizes.
- Streamlined content management and performance optimization by adopting modular development practices, enabling faster loading times and improved site accessibility.

Todo List Application , React.js, HTML5, CSS3, Axios , Django REST Framework, Python, SQLite,
- Built a full-stack Todo List application using React.js for the frontend and Django REST Framework for the backend, providing intuitive task management with CRUD operations.
- Implemented JWT-based authentication to ensure secure user sessions and integrated form validation to enhance the user experience with responsive and real-time updates.
- Optimized backend performance by structuring APIs for efficient data fetching and implemented a SQLite database for lightweight yet robust data storage.

COURSERA CERTIFICATIONS

HTML, CSS, and Javascript for Web Developers
Database Design and Basic SQL in PostgreSQL
Inheritance and Data Structures in Java