GIRIDHAR NASAM

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Summary

Full-stack developer with expertise in both front-end and back-end development. Proven ability to design, develop, and deploy robust web applications from conception to completion.

Technical Skills

Frontend: JavaScript, Typescript, HTML/CSS, React, Nextjs, Recoil
Backend: Node.js, Typescript, Express.js, Hono
Devops: Docker, Kubernetes, AWS, Cloudflare
Database: Postgres, MongoDB, MySql, OracleSql

Experience

ENH iSecure   **Jan 2023 – Present**
Software Engineer

- Developed and maintained full-stack web applications, with a focus on consumer apps, enhancing user engagement by 25%.
- Created modern, scalable web apps from scratch, handling both backend server logic and frontend development using JS/HTML/CSS.
- Implemented best practices for deploying production systems on AWS, ensuring high availability and scalability.
- Leveraged React to build dynamic and responsive user interfaces, improving user experience and performance.
- Participated in code reviews and design reviews, maintaining high standards of code quality and architecture.
- Led a team of developers, mentoring junior members and enhancing team productivity by 30%.

Projects

DeployHub | *Automated GitHub Repository Deployment Platform*   **Link**
Tech Stack: Node.js, Express.js, React, Cloudflare R2, Redis, Typescript

- Frontend Development: Used React to create interactive, intuitive, and responsive user interfaces.
- Backend Implementation: Built with Node.js and Express.js to handle API integrations, repository cloning, and deployment processes.
- Message Brokering: Implemented Redis for task queuing to handle deployment requests efficiently.
- Object Storage: Utilized Cloudflare R2 to store and manage build artifacts.
- Automated Deployment: Users provide a GitHub link, which is cloned, built, and deployed automatically, resulting in a clickable link to the live site.
- Performance Metrics: Achieved a 50% reduction in deployment times and maintained 99.9% uptime, deploying over multiple repositories in the first month with a 95% user satisfaction rate.

EquityHub | *A Comprehensive Trading Exchange Platform*   **Link**
Tech Stack:: Mono repo, Next.js, WebSocket, Redis, Node.js, TypeScript

- Frontend Development: Leveraged Next.js to create a seamless, user-friendly interface for real-time trading and market data.
- Backend Implementation: Utilized Node.js and TypeScript to handle core trading functionalities, including order matching and trade execution.
- Real-Time Communication: Implemented WebSocket for real-time updates on trades, order book changes, and market movements.
- Messaging Queue: Used Redis for pub/sub and as a messaging queue.
- Monorepo Structure: Adopted a monorepo architecture to streamline code management and improve development efficiency.
- Performance Metrics: Achieved millisecond-level latency for trade execution and real-time updates, supporting high-frequency trading with 99.99% uptime.

Certifications

- Oracle Java Associate Programmer.

Education

Jawaharlal Nehru Technological University   **2018 – 2022**
Bachelor of Science in Mechanical Engineering   *Hyderabad, India*