Dakka Chandan

Full Stack Systems Developer — SaaS & Performance-Oriented Web Applications

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GitHub — LinkedIn — Portfolio

Professional Summary

Systems-oriented full stack developer focused on building SaaS applications and frontend systems that prioritize performance, maintainability, and clear data flow. Comfortable designing application architecture, managing client–server boundaries, and reasoning about edge cases. Uses AI tools to accelerate repetitive tasks while independently making design decisions, reviewing code, and debugging production issues.

Technical Skills

- **Languages:** JavaScript (ES6+), TypeScript, SQL, Python
- **Frontend:** React (Hooks), React Router (Data APIs), TanStack Query, Vite, TailwindCSS
- **Backend:** Node.js, Express.js, REST & GraphQL APIs, JWT Authentication, Socket.IO
- **Databases & Tooling:** MongoDB, MySQL, Git, Postman, Jest, Supertest, Vercel, Render
- **Focus Areas:** System Design, Client-Side Performance, Debugging, Accessibility (WCAG AA)

Engineering Approach

- Prefer colocating data fetching with routes to simplify state ownership and loading behavior.
- Design APIs and services with clear responsibilities to reduce coupling and improve testability.
- Optimize for perceived performance using caching, prefetching, and skeleton-based loading states.
- Treat accessibility and error handling as first-class concerns rather than post-launch fixes.

Selected Projects

GraphQL Global Intelligence Explorer — Live Project *React, TypeScript, GraphQL*

- Built a country-level data explorer for 250+ territories using React Router Data Loaders.
- Used TanStack Query for caching and background refetching to reduce redundant network requests.
- Added hover-based prefetching and route-level skeleton loaders to improve perceived responsiveness.
- Implemented keyboard navigation and contrast-safe UI to meet WCAG AA guidelines.

Token Notification System — Queue Management SaaS — Live Project *MERN, Socket.IO*

- Developed a real-time queue management system using event-driven updates with Socket.IO.
- Structured backend services to support extensible notification channels and role-based access.
- Implemented automated API and logic tests with Jest and Supertest to reduce regression risk.

JobFinder — Role-Based Recruitment Platform — Source Code *MERN Stack, JWT*

- Built a multi-role job portal with distinct workflows for candidates, employers, and administrators.
- Implemented JWT-based authentication and middleware-driven role checks for protected endpoints.

Experience

Independent Full Stack Developer *Mar 2024 – Present*

- Delivered multiple production-ready web applications, handling architecture, implementation, and deployment.
- Made design decisions around data flow, API boundaries, validation, and client-side state management.
- Used AI tools to speed up boilerplate work while manually reviewing logic, fixing bugs, and validating edge cases.

Education

B.Tech in Computer Science and Engineering (Expected May 2026) *SVCE, Tirupati*
Diploma in Computer Management Engineering (2020–2023)

Certifications & Achievements

- Application Developer (Web & Mobile) — Rooman Technologies (NASSCOM / Skill India)
- Built and deployed multiple SaaS-style applications with authentication and real-time features
- Regularly practice debugging, refactoring, and performance tuning on existing codebases