Rahul Kurmalkar

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Professional Summary

Highly skilled Full-Stack Developer with 1.8 years of experience in delivering high-quality software solutions. Passionate about solving complex problems, improving user experiences and keeping up-to-date with industry trends to drive innovation and efficiency.

Projects

Infinite Ink   **Live link | GitHub**

- Developed a full-stack blog website, supporting **JWT-based authentication** for **secure user login** and access control.
- CRUD operations were implemented for blog creation, editing, and deletion with a **custom Quill editor for rich text formatting**, enhancing the user experience.
- Implemented **Prisma Accelerate** for **Connection Pooling** to prevent excessive database connections in a serverless Cloudflare Workers setup, ensuring efficient and scalable PostgreSQL access.
- Deployed the back-end on **Cloudflare Workers** for fast serverless execution, and the frontend on **Vercel** for efficient, scalable deployment, **optimizing performance with custom hooks and lazy loading**.
- Achieved **high performance metrics: Performance (99), SEO (83), Accessibility (100) & Best Practices (100)**.
- Tools: Typescript, React.js, Node.js, Hono, Tailwind-CSS, PostgreSQL, Prisma, zod, Vite, Cloudflare workers, Vercel.

URL Shortener   **GitHub**

- Developed a scalable web application back-end to convert long URLs into compact, shareable links with high reliability.
- Utilized **Redis caching** to enhance performance and reduce latency for frequently accessed URLs.
- Tools used: Node.js, Express.js, MongoDB, Redis

Work History

Developer, Parnets Software India Pvt. Ltd. – Bangalore, Karnataka   Jan 2023 – Aug 2024

- Reduced time to render user buddy lists by 75%, improving response times from 2 seconds to 0.5 seconds through **optimized rendering strategies**.
- Enhanced and optimized robust APIs to handle booking operations, user management, and payment processing.
- Leveraged **Recoil for advanced state management**, **reducing frontend re-rendering times by 30%** and enhancing user experience across 5+ application modules.
- Collaborated with a six-developer cross-functional team, leveraging GitHub for version control and team collaboration, which reduced code merge conflicts by 25%.
- Technologies: Node.js, React.js, MongoDB, Express.js, Tailwind-CSS, Postman, Git, GitHub, Netlify.

Expertise

- Programming Languages : **JavaScript**, Core JAVA
- Development : **Typescript**, **Node.js**, Express.js, Hono, React.js, Tailwind-CSS, Recoil state management, HTML, CSS, **AWS EC2**, **AWS S3**, **AWS CloudFront (CDN)**, **Cloudflare Workers (Serverless)**.
- Databases and ORMs : MongoDB, **PostgreSQL**, **Prisma**, Mongoose, Redis.
- Infrastructure and DevOps : Docker, **Nginx (Reverse Proxy)**, **SSL Certificate Management**, **Linux**, Turborepo (Monorepo).
- Tools and Technologies : **Git, GitHub, Postman, Vercel**, VSCode
- Other skills : Data structures and Algorithms
- Soft skills : Problem solving, communication

Education

Rungta College of Engineering & Technology (CSVTU)   June 2017 – May 2021

- Bachelor of Engineering in Computer Science , Percentage: 73.9%

Achievements & Certifications

GATE EXAM: Result   2022
Full stack Certification: Certificate   Sep 2024 - Mar 2025