RAHUL DAS

CONTACT

Github : https://github.com/RAHULDAS6009
Email : das206053@gmail.com
Linkdeln : https://www.linkedin.com/in/rahul-das-9906a624a/

SUMMARY

Results-driven Full Stack Developer with expertise in modern web technologies, scalable architecture, and deployment processes. Proficient in TypeScript, JavaScript, and C++, with hands-on experience in Next.js, React, Tailwind CSS, Hono.js, and Node.js. Skilled in database management with MongoDB, PostgreSQL, and experienced in Docker, AWS EC2, and Cloudflare Workers for scalable solutions. Adept at secure authentication, API development, and frontend performance optimization, ensuring high-quality, efficient, and secure applications. Active open-source contributor with **500+** GitHub contributions and 800+ profile views, including a PR in the Processing Foundation organization.

PROJECTS

SketchFLow, Full Stack   Oct 2024 - Present

- Engineered a real-time collaborative whiteboard using Node.js WebSocket server for low-latency sync and PostgreSQL for session persistence, enabling multiple users to draw, write, and interact on a shared canvas seamlessly.
- Architected the project using Turborepo to efficiently manage a monorepo structure, separating concerns across frontend, backend, and shared libraries for better scalability and modular development.
- Designed and implemented a pixel-perfect, responsive landing page using Tailwind CSS and custom figure components, ensuring a smooth user experience across devices.
- Integrated secure user authentication and room-based collaboration features, allowing users to join live whiteboard sessions with real-time presence indicators and synced interactions.
- Followed clean code principles and best practices, maintaining over 6000+ lines of well-documented code with a strong emphasis on scalability, performance, and maintainability.

Medium, Full Stack   July 2024 - Aug 2024

- Implemented a robust authentication system to manage user access securely, ensuring data privacy and protection against unauthorized access.
- Developed session management features, including token-based authentication and auto-session expiration, to enhance security.
- Designed a secure password hashing mechanism using bcrypt to protect user credentials.
- Built an intuitive and feature-rich editor component, providing a smooth and responsive experience for blog creation and editing.
- Integrated real-time autosave functionality within the blog editor to prevent data loss during content creation.
- Added rich text editing capabilities, supporting text formatting, media embedding, and markdown compatibility for a flexible writ

TECHNICALS SKILLS

Programming Languages: TypeScript, JavaScript

Frontend: Next.js, React , Tailwind CSS

Backend: Node.js, Hono.js, Express.js, TRPC

Databases: MongoDB, PostgreSQL, SQL

DevOps & Cloud: Docker, AWS EC2, Cloudflare Workers, GitHub Actions

EDUCATION

B.tech Computer Science and Technology , Grade - 8.03   Aug 2022 - Aug 2026
University of Engineering and Management

Intermediate, Grade - 70.4%   Mar 2021
Pranavananda Vidyamandir,Agartala,Tripura

Secondary Education, Grade - 89%   Mar 2019
Pranavananda Vidyamandir,Agartala,Tripura

ADDITIONAL INFORMATION

Languages: English, Hindi,Bengali

Certifications: Full Stack Web Development by 100xDevs