Hirak Roy- Full Stack Developer

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Location : India
Website : https://hirakroya50.github.io/my_portfolio_html-css-js/

PROFESSIONAL SUMMARY

Full Stack Developer with **1+ years of experience** in building **scalable, high-performance web applications**. Skilled in **Next.js, NestJS, GraphQL, REST, Prisma, AWS**, with a focus on **microservices architecture, API development, and CI/CD automation**. Adept at **cloud deployment (AWS, Cloudflare), real-time systems (WebSockets, Redis Pub-Sub), and security best practices**.

TECHNICAL SKILLS

Frontend Development: Next.js, React.js, TypeScript, Tailwind CSS, Redux, Jotai, Web Performance Optimization
Backend Development: NestJS, Node.js, Express.js, GraphQL, tRPC, zod , trpc, Microservices, Authentication
Database & Storage: PostgreSQL, MongoDB, SQL, NoSQL, Prisma ORM, Redis, AWS S3
Cloud & DevOps: AWS (EC2, S3, Lambda, CloudFront, RDS, DynamoDB), Docker, Nginx, PM2, Cloudflare Workers, Docker, CI/CD, GitHub Actions
Security & Performance: Caching, Rate Limiting,
Tools & Frameworks: BullMQ, Redis Pub-Sub, CI/CD (GitHub Actions), WebSockets
Soft Skills: Problem-Solving, Team Collaboration, Agile, Communication

Work Experience

Metaverse Ventures Pvt. Ltd (Web3) | January 2024 – Present
        Key Responsibilities & Achievements:

- **Developed a SaaS platform using Next.js and NestJS microservices.**
- **Designed and implemented tRPC APIs, authentication (OAuth, OTP), and AWS S3 storage.**
- **Optimized API response time by 40% through Redis caching and query optimization.**
- **Built a CI/CD pipeline with GitHub Actions & Docker for seamless deployment.**
- **Resolved 20+ critical bugs, improving performance and reducing load time by 30%.**

About the company : Metaverse Ventures Pvt. Ltd. is a Web3 technology company driving innovation in DeFi, NFTs, DAOs, and the Metaverse. Focused on scalability, security, and interoperability, it pioneers the future of blockchain and Web3 solutions.

Personal Projects

1. *Tool App (SaaS Platform)*
    - Doc link : https://docs.google.com/document/d/1iI12lIYPzN3XkijIGj8d3uL3hpe1MzeVtsFO7cBvHUE/edit?usp=sharing
    - *Tech Stack: NestJS Microservices, Next.js, Serverless, Redis, GraphQL, Docker, AWS (EC2, Lambda, S3, CloudFront), Cloudflare Workers*
      Key Features:

    - *Architected **scalable microservices** with authentication & role-based access control.*
    - *Implemented **JWT authentication, OTP verification**.*
    - *Leveraged **BullMQ for job queuing** and **Redis Pub-Sub for real-time communication**.*
    - **Integrated WebSockets & Pub-Sub for real-time notifications and event-driven systems.**
    - *Automated deployment using **CI/CD pipelines (GitHub Actions & Docker)**.*

2. **Portfolio Website**(Technologies used: HTML , CSS, Javascript)
    - **Tech Stack:** HTML, CSS, JavaScript
    - **Deploy :** https://hirakroya50.github.io/my_portfolio_html-css-js/
    - **Github link:** https://github.com/royhirakp/my-Prot-html-css/

      Key Features:

    - *Designed a fully responsive portfolio website with advanced CSS animations.*
    - *Built interactive UI elements to demonstrate JavaScript expertise.*
    - *Hosted the website using GitHub Pages.*

EDUCATION : B.tech in Electrical Engineering (2020)
LANGUAGE: English , hindi , bengali