

# SAYAN DAS

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## Education

### University of Engineering & Management

Bachelor of Technology in Computer Science & Technology

2022 - 2026 (expected)

(CGPA: 9.05)

## Experience

### Freelancing

Aug 2024

Frontend Developer at [Strength](#)

Remote

- Spearheaded the development of the entire home page for the website, implementing custom animations using JavaScript to enhance visual appeal and user engagement. Achieved a **30%** improvement in performance and rendering time through strategic optimization techniques, ensuring a responsive and fluid browsing experience. [Website](#)

### Freelancing

June 2024

Android Developer at [NCTEnterprise](#)

Remote

- Developed a robust Android WebView application for an e-commerce platform. Optimized performance for smooth navigation and quick load times, ensuring a seamless user experience across devices.

## Projects

**Anime API** | [Node.js](#), [HonoJS](#), [Firebase Axios](#), [Cheerio](#) | [API link](#) | [Github Repo](#)

- Developed a comprehensive Anime API that provides extensive information about various anime series, including titles, genres, episode lists, and user ratings.
- Implemented Google Firestore to store frequently accessed data, effectively caching information and reducing latency by approximately **40%**, resulting in faster response times for users.
- Incorporated a user-friendly search functionality, allowing users to quickly find specific anime by title, genre, or rating, enhancing overall user experience and engagement.

**Realtime JS online Code editor** | [NodeJS](#), [Socket.io](#) and [Express](#) | [Live link](#) | [Github Repo](#)

- Developed a real-time JavaScript code editor using Node.js and Express, enabling collaborative coding with live updates across multiple users via Socket.io.
- Integrated WebSocket communication for real-time collaboration, allowing users to share code and see edits instantly, thereby improving team productivity and workflow.

**HLS reversed proxy server** | [Javascript](#), [Node.js](#) | [Live Video Demo](#) | [Github Repo](#)

- Engineered a powerful HLS proxy server to simplify video streaming, allowing seamless integration of M3U8 streaming files into websites without CORS issues or authorization hurdles.
- Implemented a user-friendly interface where users can input their HLS links, which our server fetches and proxies, delivering hassle-free access to streaming content for enhanced user experience.

## Technical Skills

**Languages:** C, C++, HTML, CSS, JavaScript, TypeScript

**Frontend frameworks:** ReactJS, NextJS, Redux, MongoDB, TailwindCss, StyledCSS

**Backend frameworks:** NodeJs, HonoJs, ExpressJs

**Tools:** Git/Github, Firebase, Google Colab, VS Code, Postman

## Certifications

**Mega Web Development Course: Full stack web application 2023:** [Udemy](#)

**Practical Web Development: 22 Courses in 1:** [Udemy](#)

Updated as of October 20, 2024