

# ANANTA KARMAKAR

FullStack Web Developer

codeAntu@gmail.com • +91 9800211400 • Bankura , West Bengal • B.Tech 2026

[github.com/codeAntu](https://github.com/codeAntu) • [linkedin.com/in/codeAntu](https://linkedin.com/in/codeAntu) • [leetcode.com/u/codeAntu](https://leetcode.com/u/codeAntu) • [codeAntu.vercel.app](https://codeAntu.vercel.app)

## SKILLS

**Languages:** HTML, CSS, JavaScript, TypeScript, Java, C++, Rust, SQL , MongoDB.

**Frameworks/Libraries:** React.js, Next.js, Express.js, Axios, Hono, trpc, Redux Toolkit, Zustand, Tailwind, React Query, Framer Motion, Shadcn, Zod .

**Tools:** Git, Github, Node.js, Bun, npm, Prettier, ESLint, Postman, Vite, Vitest, Jest, VSCode, Figma.

**Soft Skills:** Leadership, Problem solving, Teamwork(with other frontend & backend devs).

## WORK EXPERIENCE

NexGino – Frontend Engineer

February 2024 – Present

**Trapp :** Are you looking to build a **video streaming application** using **React.js**

- Increased user attention by **70%** and improved app performance by **225%** through implementing **Live Chat**, **Lazy Loading**, **Infinite Scrolling**, and **Shimmer UI** in a Video Streaming React App [Trapp](#) & [Trapp Creator Panel](#).
- Reduced failed uploads by **97%** by optimizing the video uploading experience through video chunking.

**DV Groups:** A Stock Investing Platform | [Visit](#)

- Engaged **2,500** users in three months, reducing average response time by **30%**.
- Designed a frontend that boosted engagement by **33%** and cut page load time to under **2 sec**.
- Engineered **RESTful APIs** to reduce response time by 30%, improving data retrieval efficiency.
- Incorporated real-time stock data and analytics tools, enhancing user interaction.

**Lucky 7:** An Interactive Gaming App.

- Enhanced with engaging **animations** and **sound effects**, resulting in a **40% increase** in user engagement.
- Optimized for **performance** across devices, increasing session duration by **15 min**.

## PROJECTS

**Throbuzzr** | [GitHub](#) | [Link](#)

- Built a **scalable social media platform** with real-time feed updates, nested comments and intuitive interface.
- Integrated a secure **user authentication** (signup, login, and password recovery) with secure **JWT-based** access,ensuring data protection for **1,000+ users**.
- Optimized **APIs (150-250 ms)** using **MongoDB aggregations**, ensuring fast and efficient data retrieval.
- Achieved a 95 SEO score and 97 performance score by optimizing rendering with Lazy Load, reducing initial load times by 20%
- Used **Cloudinary** for media, **Nodemailer** for OTPs and updates , used **Axios**, **Swiper**, **Zod**, and **JWT**.
- Built using **Next.js**, **MongoDB**, **Tailwind**, **RESTful APIs**, and **JWT authentication**, ensuring scalability and performance.

**Routine** | [Link](#)

- An intuitive Routine manager to enhance organization and simplify routine and **task management**.
- Incorporated **calendar** view, search feature, and categorized routines into Daily, Weekly, and Monthly with a simple interface, reducing routine planning time by **40%**.
- Implemented **data backup and restore**, ensuring **100% security** and reducing data loss risk.
- Blended a **Routine Store** to browse, add, and to share routines seamlessly.
- Utilized **serverless functions** to handle task scheduling, increasing efficiency by 40%.
- Crafted with **React**, using custom components, Hooks, Context API, local storage, and React Router.

**MD Compiler** | [GitHub](#) | [Live Example](#)

- A lightning-fast Markdown compiler leveraging **React & TypeScript**.
- Efficiently processes markdown text, compiling **10,000 chars** in approximately **5ms**.
- Tokenizes** text, builds an **AST** via string parsing, and recursively constructs HTML components .
- Real time preview with **0 latency** and **300%** faster than traditional markdown compilers
- Developed and **published** an **npm package** for this compiler: [@codeantu/md](#)

I have created **Progressive Web Apps (PWAs)**, published **NPM packages**, and developed **Chrome extensions**.

## ACHIEVEMENTS

**Competitive Programming:** Solved **680+** LeetCode problems, earned **17 badges**, ranked in top **60K** globally. [Leetcode Profile](#)

**Academic Excellence:** Recipient of **Sir J. C. Bose Award** for outstanding performance in Computer Science.

## EDUCATION

Bankura Unnayani Institute of Engineering

B.Tech – Computer Science and Engineering

GPA – 8.7