

Ritesh Ghosh

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EXPERIENCE

Full-stack Lead Engineer Intern

May 2024 – Sept 2024

Stunect

Remote

- Led feature development, mentored a colleague, and provided codebase walkthroughs for smoother collaboration and implementation.
- Assessed and resolved user-reported bugs, improving product stability and user experience
- Achieved an estimated user base expansion to 50, with some users consistently posting content, highlighting enhanced platform engagement over time

Back-end Developer Intern

Feb 2024 – May 2024

Stunect

Remote

- Built a REST API for the platform that integrates with the front end to provide a great user experience
- Implemented scalable database schema designs so that the platform can accommodate changing business requirements and used Docker for deployment of the application
- Contributed to the launch of the company's first product, gaining initial traction with nearly 10 users

Web Developer Intern

June 2023 – Oct 2023

Stunect

Remote

- Built a landing page for the platform with ReactJS and Tailwind CSS
- Implemented CSS animations, and used GSAP library for on-scroll animation

Freelance Full-stack Developer

May 2023 – Nov 2023

Hress Trading Corporation

Remote

- Ideated and developed a complete full-stack web application from scratch, providing a solid solution according to the demands of the business
- Led technical architectural discussions with corporate managers to better accommodate user experiences
- Generated over \$20,000 in revenue for the corporation, playing a key role in surpassing the semi-annual target

PROJECTS

Brooktube | *Go, Web Scraping, Git*

May 2024 – Sept 2024

- Built a scraper library to fetch YouTube music data from select pages
- Used appropriate headers and requests to fetch information and parse them accordingly
- Implemented 5 out of 6 parsers as planned in the roadmap

Odin | *NextJS, ReactJS, Pinecone, HuggingFace, Langchain, RAG, Git*

May 2024 – May 2024

- Developed a web app to summarize YouTube video contents by using retrieval augmented generation (RAG)
- Used 3 models, namely, text embedding, summarization, and chat completion models, to generate summary from video transcripts
- Implemented local first stateless design by only storing user information on client side IndexedDB

Aniwatch-API | *NodeJS, ExpressJS, TypeScript, Git, GitHub Actions, Docker*

Aug 2023 – Aug 2023

- Built a REST API that scrapes valuable anime information from an anime streaming website
- Used GitHub Actions for automating testing and Docker image build and deployment
- Published Docker image and other deployment provider images for personal hosting
- It has achieved more than 250 stars and 150 forks on GitHub

SKILLS

Languages: JavaScript, TypeScript, Go, HTML, CSS

Frameworks: NodeJS, ExpressJS, ReactJS, NextJS, VueJS, NuxtJS, Langchain, HuggingFace, Tiptap

Developer Tools: Git, Docker, GitHub Actions CI/CD, AWS, VS Code

Databases: MongoDB, Pinecone, Redis

Libraries: TailwindCSS, Mongoose, Cheerio, Zod, Zustand, BubbleTea

Soft Skills: Deliver Results, Autonomous and Adaptable, Action Focused, Technical Writing

EDUCATION

Future Institute of Engineering and Management

Bachelor of Computer Application; GPA: 3.6 (9.01/10)

Kolkata, India

Sept 2021 – July 2024