

Rocktim Saikia

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WORK EXPERIENCE

Codingal, Bengaluru, India | 2021 - Present

- **Senior Software Engineer** | Apr 2023 - Present
 - Architected and implemented a global payment infrastructure supporting multiple payment gateways (Stripe, Razorpay, PayPal, Flutterwave), enabling international transactions and significantly contributing to the company's financial growth.
 - Developed a comprehensive authentication system for the platform, including password management, reset functionality, and robust validation protocols.
 - Engineered "Codingal Rewind" – an interactive feature celebrating students' yearly achievements through personalized UI components and animated data visualizations, with complete backend architecture for showcasing metrics like completed classes, study hours, and earned certificates.
- **Software Engineer** | Oct 2021 - Apr 2023
 - Enhanced dashboard performance through modular API development and component-based loading, significantly improving UI responsiveness and eliminating timeout issues.
 - Spearheaded development of customer AI progress report generator using OpenAI APIs, evolving from a hackathon project (2nd place) into a core component of the customer journey.
 - Engineered an automated backup solution for Redash queries using Python and Shell scripting, implementing daily GitHub synchronization to ensure business continuity.
- **Software Engineer Intern (Front End)** | Jul 2021 - Oct 2021
 - Worked on internationalization (i18n) implementation across the product, developing a foundational framework for localized geo landing pages that aligned with marketing strategies and global expansion goals.
 - Engineered reusable React hooks including a sophisticated country detection system with multi-layered algorithm, improving location-based user experience and content delivery.

- Worked with fellow engineers on performance optimization initiatives across the application, conducting thorough analysis and delivering detailed progress reports that resulted in improved page load times and user engagement.

Listiee, Remote, India | Jan 2020 - Jun 2020

- **Frontend Engineer** | Intern
 - Implemented technical SEO best practices including semantic HTML structure, meta tags optimization, and dynamic sitemap generation, resulting in improved search engine rankings.
 - Worked on platform-wide accessibility enhancements following WCAG guidelines, implementing proper ARIA labels, keyboard navigation, and semantic HTML structure to ensure improved usability for users with disabilities.
 - Worked closely with the Backend team through regular meetings and code reviews to ensure smooth project delivery and maintain consistent code quality.

Maytree School, Remote, India | Oct 2019 - Dec 2019

- **Fullstack Engineer** | Intern
 - Led end-to-end development of the company's main landing page, from initial design to deployment, using HTML, CSS, and Node.js while implementing SEO optimizations to enhance site performance and user experience.

SKILLS

Languages: HTML, CSS, JavaScript, TypeScript, Python.

Technologies: React.js, Next.js, Tailwind CSS, Django, MySQL, MongoDB, Redis, Docker.

Others: Git, Jest, Vitest, Mocha, Chai, Pnpm, yarn, AWS, Docker, DigitalOcean.

PROJECTS

- **Animechan.io**

Animechan.io is one of the best anime information API services out there that provides developers with access to a curated database of anime content. It has over **1.3k stars** on Github and premium/paid users as well.

— [Website](#) | [Github](#) | Tech Stack: Next.js, Express, Prisma ORM, and MySQL

- **Meta Fetcher**

This is a Node.JS based library I built and released that fetches meta information from any static web sites. It has over 20k downloads on npm with 150 stars on Github.

— [Github](#) | Tech Stack: Node.js, Typescript

- **Github DLR**

Github-dlr is a python based command line tool that can download individual files and folders from Github recursively. Aims to save time and space by letting users download just the files they need instead of the whole repository via terminal.

— [Github](#) | Tech Stack: Python, Pip, Github API

- **TinyHttp:** (Ex-maintainer / contributor)

A fast web framework as a replacement for Express.JS. I was a core contributor to this project. I have implemented the initial IP detection port of the framework. I still remain a [member of this project](#) even though I don't contribute anymore. It has over 2.8k stars on Github.

— [Github](#) | Tech Stack: Typescript, Node.js

- **Interest Calculator:**

This is a fun UI side project I did over a weekend just to replicate and see how **Groww's** compound interest calculator was built.

— [Website](#) | [Github](#) | Tech Stack: Next.js, TailwindCSS, Typescript

EDUCATION

- **Bachelor of Science**, Anuva Academy, Assam (2018 - 2019)
 - Initiated software development career while studying, focusing on modern web technologies.
 - Actively contributed to multiple open-source projects.
 - Developed professional design skills through freelance projects, specializing in UI/UX using Figma.
- **Higher Secondary Education**, Debraj Roy College, Assam (2016 - 2018)
 - Completed my HS education (Science) from local public college "Debraj Roy College".
 - Started learning about Ethical hacking and penetration testing. Learned a lot about different networking protocols, TCP/IP communications and how the internet works at a higher level.

MORE

Additional open-source contributions and projects can be found on my Github profile. Thank you for your consideration.