

Sri Ranga Sai Pagala

Full-Stack Web Developer

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[Portfolio](#) | [GitHub](#) | [LinkedIn](#) | [LeetCode](#)

Education

Prasad V. Potluri Siddhartha Institute of Technology

Bachelor of Technology | Information Technology

Vijayawada, India

august 2018 - may 2022

Skills

Programming Languages: JavaScript, TypeScript, C++, Python
Libraries/Frameworks: Mongoose, Express.js, React.js, Node.js, Next.js, TailwindCSS
Tools / Platforms: Git, GitHub, VSCode, Figma, Docker
Databases: MongoDB
Soft Skills: Communication, Problem-Solving, Adaptability, Empathy

Experience / Open Source Contributions

PaceFlow - Full Stack Web Developer (Freelancing)

Oct 2023 - Dec 2023

Responsibilities:

- Responsible for converting **Figma** design files into **Next.js** web pages using **TypeScript**.
- Using **FastAPI**, implement backend functionalities with a **command pattern** for enhanced code modularity and maintainability.
- Utilizing **Playwright** for frontend end-to-end **testing** and **pytest** for backend testing to ensure comprehensive and reliable test coverage across the entire application.

Achievements

- Successfully converted complex Figma design files into functional Next.js web pages with precision, resulting in an improved user interface and a seamless user experience.
- Implemented user signup feature on the backend, enhancing the application's functionality.
- Proactively identified and corrected software bugs, demonstrating a keen eye for detail and commitment to delivering a high-quality product.
- Contributed to the overall stability of the system, ensuring a seamless user experience.

100X devs - Cohort

June 2023 - Oct 2023

Responsibilities:

- Gain a deep understanding of the **MERN stack**, covering the fundamentals and basics of **MongoDB**, **Express.js**, **React.js**, **Node.js** and **Next.js**. Migrating from **JavaScript** to **TypeScript** to ensure type safety and reduce errors in the project.
- Contribute** to an **open-source project** with a significant impact, raising over \$10 million in funding, and exhibiting high activity on **GitHub**.
- Collaborate with a team to contribute to the main open-source project, gaining practical experience in open-source development.

Achievements

- Learnt how to make a **MERN stack** web application as well as application in **Next.js** using **TypeScript**.
- Started **contributing** to **BioDrop**, an **opensource Next.js** web application which allows users to showcase the content and track progress.

Projects

Cafiend

[GitHub](#) | [Live Preview](#)

Next.js, TypeScript, TailwindCSS, Context API, Framer Motion, Vercel

- Created a multipage, responsive and interactive **Next.js** website which sells coffee.
- Used **Dynamic metadata** to give different names for different pages which improves the **SEO**.
- All the pages in the blog section are in **Statically Generated(SSG)** and **Client Side Rendering**, **Server Side Rendering** techniques are also used where ever necessary.
- Made cool animations using **Framer Motion**.
- Used **React Context API** to manage global state.

Car Hub

[GitHub](#) | [Live Preview](#)

Next.js, TypeScript, TailwindCSS, ninja-cars-API, Vercel

- Created a **Next.js** website showcasing cars from various manufacturers.
- Utilized the **ninja-cars-API** to source car details.
- Developed reusable **React.js** components for the site.
- Implemented **search** and **filter** functionality using **regex** and **query parameters**.
- Style components with TailwindCSS. - Deployed the project on Vercel.

Certificates

- Responsive Web Design - [freecodecamp](#)
- Back-end development and apis - [freecodecamp](#)
- Front-end Development Libraries - [freecodecamp](#)