Sri Ranga Sai Pagala

FullStack Web Developer
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Portfolio https://srirangasai.dev
Github https://github.com/theunhackable/
LinkedIn https://www.linkedin.com/in/srsp1116
LeetCode https://leetcode.com/srirangasaipagala/

Education

Prasad V. Potluri Siddhartha Institute of Technology
Vijayawada, India
August 2018 - May 2022

B.Tech | Information Technology

Experience

SuperWIT
California, United States
Feb 2024 - Present

Full Stack Web Developer

- Designed and developed interactive data visualizations using **D3.js** and **DC.js** libraries, transforming complex datasets into clear and insightful dashboards for clients.
- Collaborated closely with **clients** to understand their data visualization needs and user requirements, ensuring applications effectively communicated key information.
- Built responsive and user-friendly web applications, prioritizing intuitive navigation and clear data presentation to enhance user experience.
- Conducted comprehensive testing using **playwright** of developed applications to guarantee functionality, performance, and responsiveness across various devices.

PaceFlow
Vilnius, Lithuania
October 2023 - December 2023

Full Stack Web Developer

- Developed highly responsive user interfaces (UIs) for web applications using **Next.js**, ensuring optimal user experience across all devices.
- Translated **Figma** design mockups into pixel-perfect, interactive web pages using Next.js components and features like **server-side rendering (SSR)** and **static site generation (SSG)** for enhanced performance and SEO.
- Implemented **React Query** within Next.js applications to manage server data state and maintain UI consistency.
- Developed robust and scalable RESTful APIs using **FastAPI** for efficient communication between the frontend and backend layers.
- Implemented user **authentication** and **authorization** functionalities within FastAPI, ensuring secure access to application resources.
- Integrated with **Postgresql** using FastAPI's asynchronous capabilities to handle data persistence and retrieval efficiently.

Projects

Pokédex
Github | Live   Next.js, TypeScript, TailwindCSS, PokeAPI, ShadCn, Vercel

- This project replicates the **Pokédex** which displays the information of the Pokémons.
- Utilized the **PokeAPI** to get the details of different Pokemons.
- I used **Static Site Generation** Strategy to render individual pokemon stats which reduced the client side JS and the loading time got reduced upto 40%.
- Implemented search functionality.
- Added **Light and Dark theme** compatability using **TailwindCSS** and **next-themes** which improved the user experience.
- Used **ShadCn** reusable components.

Cafiend
Github | Live   Next.js, TypeScript, TailwindCSS, Context API, Framer Motion, Vercel

- **Cafiend** is a Coffee selling webisite which is taken directly from the webflow template.
- Created a multipage, responsive and interactive **Next.js** website which sells cofee.
- 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.

Skills

Programming Languages	JavaScript, TypeScript, Python
Libraries / Frameworks	Mongoose, Express.js, React.js, Node.js, Next.js, TailwindCSS
Tools	Git, GitHub, VSCode, Figma
Databases	Postgresql, MongoDB