SOURIN SARKAR

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EDUCATION

Computer Science & Engineering, *Lovely Professional University, Punjab* *Aug 2020 - Present*

- Bachelor of Technology in Computer Science and Engineering (Current: 7.12)
- Selected classes: Data Structures & Analysis of Algorithms, Web Development with React and Node JS, Database Management System, Operating System, Computer Networks

TECHNICAL SKILLS AND INTERESTS

Languages C++, JavaScript, TypeScript, SQL, HTML, CSS
Software & Tools React, Node.js, MySQL, MongoDB, Mongoose, Postman, REST API, Linux, Git, Github, Figma

PROJECTS

Sourin Sarkar, *Personal portfolio website ‣ sourin.in* 🔗

- **Stack:** JavaScript, TypeScript, React.js, Tailwind CSS, Vercel.
- Created the frontend using React.js library along with proper state management by Context API. Prototyped on Figma.
- Implemented an interactive navigation bar featuring other pages and routes of the website.

Fontground, *A font testing platform ‣ fontground.sourin.in* 🔗

- **Stack:** JavaScript, TypeScript, React.js, Vite, Tailwind CSS, Vercel.
- Built a playground platform to test the look and feel of various fonts. Specifically built for creatives and web designers.
- The website is built with modern design styles and is responsive on most mobile devices.

Phoenix, *Search engine ‣ phoenix.sourin.in* 🔗

- **Stack:** JavaScript, TypeScript, React.js, Node.js, Express.js, Vite, Tailwind CSS, Vercel.
- Built a meta search engine which relies on data from Wikipedia and wikimedia services. Implemented this data fetch via REST APIs.

ACHIEVEMENTS

Postman API Fundamentals Student Expert *Dec 2023*

- Learned to manage various requests like GET, POST, PATCH, PUT, DELETE, HEAD, OPTION on Postman's dashboard.
- Worked with Postman Library API v2. Learned about Query Parameters, Path Variables, and the hierarchy of scopes.
- Created Collections and learned about Variables and URL semantics that makes it much easier to interact with APIs.

Regex Hackathon *Sept 2022*

- Got 2nd runner up in building a website out of 30 teams. It was a hackathon for building a freelance agency website.

CERTIFICATIONS

React JS by CodingSpoon *Feb 2023*

- Learned the library's implementation in building fontends using the concepts of props and state management.
- Developed a few projects such as clock, password generator, color palette site and a sample info page.

Data Structures and Algorithms by GeeksForGeeks *Jul 2022*

- Learned various data structuring techniques and algorithms to store and manage data as needed.
- Implemented the underlying working and structures of the generic user defined data structures.