

Education

- VIT Bhopal University
Bachelor of Technology in Computer Science and Engineering - **7.69 CGPA**
Bhopal, MP
Aug. 2023 – May. 2027
- Sunbeam School Bhagwanpur, Varanasi
Class 12th - **75.4%**
Varanasi, UP
2022
- St. Mary's Convent School
Class 10th - **87.4%**
Mughalsarai, UP
2020

Projects

- URL Shortner
 - A full-stack URL Shortner to create concise, shareable links, featuring a **React and Redux Toolkit** frontend for a responsive user experience.
 - Implemented user **authentication with JWT**, secure cookies, and protected dashboard routes.
 - Integrated **MongoDB** for persistent storage of users and shortened URLs.
 - Enabled **custom slugs**.
 - Built **RESTful APIs for registration, login, URL creation, and redirection**.
 - <https://github.com/Rishi-Sharma1/URL-Shortner>
- CodeCollab
 - Built a real-time collaborative code editor, enabling multiple users to simultaneously edit files and communicate via an integrated live chat powered by WebSockets.
 - Implemented secure session-based authentication (**Express + MongoDB + connect-mongo**) with **Zod-validated API endpoints** and guarded routes and **JWT authentication**.
 - Built modular React architecture (**Context + custom hooks + React Query**) for state isolation (auth, editor, files, chat) and predictable data flow.
 - Designed RESTful API layer (**Express + Mongoose**) for users, rooms, files, and chat messages.
 - <https://github.com/Rishi-Sharma1/CodeCollab>

Hackathons

- **IIC Hackathon**
 - Contributed as a **Frontend Developer** on a team that reached the **final stage** of the **IIC Hackathon**.
 - This hackathon was conducted in **Manipal University, Jaipur**.
- **Part of a SIH team** - Worked as a **frontend developer** in **re-innovating a government website**. Qualified first two internal rounds.

Programming Skills

- Languages : Python, Javascript, HTML, CSS, C++, Java
- Framework : React, Node js, Express, Redux Toolkit
- Database : MongoDB, SQL
- Technologies : AWS, React

Links

- <https://www.linkedin.com/in/rishi-sharma-a19696289/>
- <https://github.com/Rishi-Sharma1>
- <https://leetcode.com/u/rishi2004sh/>
- <https://www.hackerrank.com/profile/rishi2004sh>