Mr. Rishi Sharma

Email : rishi2004sh@gmail.com
Mobile : +91 7080793055

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
  - Developed a full-stack URL Shortener application using **React, Redux Toolkit, Node.js and Express.**
  - 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
  - Engineered a real-time collaborative code editor with multi-user rooms, synchronized file editing, and integrated live chat over WebSockets (ws).
  - 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 laye**r (Express + Mongoose)** for users, rooms, files, and chat messages.
  - https://github.com/Rishi-Sharma1/CodeCollab

Hackathons

  - **Part of a IIC Hackathon Finalist Team** Worked as a **frontend developer**. 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, Node js, Express, C++, Java, 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