

# RISHAB LATH

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## Skills

**Programming Languages:** C++, Java, Python, TypeScript

**Frontend Technologies:** HTML, CSS, Tailwind CSS, Bootstrap, JavaScript, React.js, Next.js, Material UI, GSAP, Framer Motion

**Backend Technologies:** Node.js, Express.js, GraphQL, REST APIs, Python (Flask)

**Databases:** MySQL, MongoDB, Firebase, PostgreSQL

**DevOps & Tools:** Redux Toolkit, Docker, Git, GitHub, CI/CD, VS Code, Netlify, Vercel, Hostinger, Stripe, Linux

**Core Concepts:** Data Structures, Algorithms, OOP, Cloud Computing, System Design, Computer Networks, Operating Systems

## Experience

**Freelance Website Developer**December 2023 – May 2024

Self, Remote

- Developed web applications with **Next.js**, **React.js**, **Node.js**, and **MongoDB**, enhancing functionality by **40%** and improving security by **50%**.
- Implemented responsive designs with **Tailwind CSS** and **Shadcn UI**, increasing mobile user satisfaction by **30%**.
- Designed complex animations with **Framer Motion** and **GSAP**, boosting interactivity and user engagement by **40%**.
- Collaborated with stakeholders to optimize user experience, leading to a **20%** increase in customer engagement.
- Managed version control with **Git** & **GitHub**, implementing CI/CD pipelines that reduced deployment time by **25%**.

**Website Developer**July 2023 – December 2023

DMAP Infotech, Indore, Madhya Pradesh, India

- Enhanced website performance by **20%** through optimized responsive designs using **HTML**, **CSS**, and **JavaScript**.
- Increased user engagement by **30%** by incorporating advanced animations with **GSAP** and **Swiper.js**.
- Improved **SEO** practices, resulting in a **25%** increase in organic traffic within three months.
- Optimized hosting and domain management on **Hostinger**, reducing downtime by **15%** and increasing uptime reliability.

## Education

**SAGE University Indore**, B. Tech - Computer Science Engineering | **CGPA:** 8.63/10June 2020 – June 2024

**Holy Cross Kapa**, Higher Secondary Education (PCM) | **Percentage:** 73%June 2019 – June 2020

**Shri Balaji Vidya Mandir**, Secondary Education | **Percentage:** 85%June 2017 – June 2018

## Projects

**Animated Task Manager with AI**July 2024

- Engineered a task management app with Gemini AI for task suggestions using React.js, Node.js, and MongoDB. Integrated animations using Framer Motion and Tailwind CSS. Secured authentication and containerized the app using Docker.

**Spotify Clone**June 2024

- Crafted a Spotify clone with React.js and Tailwind CSS, featuring music controls (play/pause, seek, navigation) and API data integration. Utilized Context API for efficient global state management.

**Realtime Data Management Platform**May 2024

- Created a platform for real-time customer data management with Next.js, Tailwind CSS, and Firebase. Integrated secure authentication and a detailed analytics dashboard with interactive data visualizations.

**Timely Trigger: Automatic Timetable Generator with Push Notifications and Live Tracking**April 2024

- Led a team of 4 in developing a SaaS platform with automated scheduling, Stripe integration, and a secure admin dashboard using Next.js, Python Flask, and Firebase. Delivered the project on time with seamless functionality.

**Pathology Lab Website with interactive animations**March 2024

- Developed a website for a pathology lab featuring engaging animations using GSAP and Locomotive Scroll, built with HTML, CSS, and JavaScript.

## Achievements

**Data Structures and Algorithms Achievements**Present

Solved over **500 problems** on Leetcode, GeeksforGeeks, and CodeChef, maintaining a streak of **200+ days** on Leetcode.

**Published Research Paper**, **Publication:** **IJNRD**April 2024

Co-authored a research paper titled "A Smart Timetable Generator: Timely Trigger," leading to a **40%** improvement in scheduling efficiency through cloud computing and IoT technologies.

**Academic Award Winner**, **SAGE University, Indore**October 2023

Recognized for Academic Excellence, ranking in the top 2% of the class, for outstanding performance across academic coursework, research and projects in Computer Science Engineering.