

RIYA KUILA

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Profile Summary

Full-Stack Engineer skilled in building scalable SaaS applications, real-time systems, and privacy-first platforms. Experienced in bridging modern frontend frameworks (**Next.js, React, TypeScript**) with robust backend systems (**Node.js, Express, MongoDB**). Led multiple end-to-end projects, including a chat platform supporting **500+ concurrent users** and an AI-powered SaaS tool tested by **100+ users**. Adept at delivering production-ready solutions with responsive UIs, security, and optimized performance.

Projects

ChatFlow – Real-Time Chat Application | MERN + Socket.IO Jun 2025

- I design and deploy a real-time chat app supporting **500+ concurrent users**.
- Implemented one-to-one messaging, presence tracking, and notifications with **Socket.IO**.
- Secured **100+ accounts** with **JWT authentication**, reducing unauthorized logins by **30%**.
- Deployed on **Vercel + Render**, achieving **200ms response times globally**.

ClearCut – AI Background Remover | SaaS + AI Integration Jun 2025

- Built an AI-powered tool using **React, Node.js, ClipDrop API**, enabling one-click image background removal.
- Integrated authentication and credits-based usage system; tested by **100+ users**.
- Deployed on **Vercel**, ensuring scalability and seamless performance.

SecretPetals – Secure Ephemeral Messaging | Next.js + Privacy Features Aug 2025

- Developed a privacy-focused app with **self-destruct timers, password-protected messages, and QR-based links**.
- Designed minimal UI with **Tailwind CSS**, ensuring smooth cross-device experience.
- Deployed on **Vercel**, optimized for fast and secure message lifecycles.

Portfolio Website | Next.js + Tailwind CSS May 2025

- Built personal portfolio to showcase skills and projects, with responsive UI and SEO optimization.
- Deployed on **Vercel**, improving visibility and accessibility for recruiters.

Technical Skills

Languages: JavaScript (ES6+), TypeScript, SQL

Frontend: React, Next.js, Tailwind CSS, HTML5, CSS3

Backend: Node.js, Express.js, REST APIs, Socket.IO

Databases: MongoDB (Mongoose), SQL

Tools: Git, GitHub, Vercel, Render, Postman, VS Code

Certificates

- MongoDB for Developers – MongoDB University (2025)
- Advanced React with Next.js – Udemy (2024)
- Node.js & Express Fundamentals – Coursera (2024)
- Web Development – 100xDevs (2024)

Education

RG Kar Medical College And Hospital

Bachelor's Degree – Nursing

Expected 2026

Kolkata, India