

Riya Gupta

✉ riya98012@gmail.com · 📞 +91-9193912286

🌐 [linkedin.com/in/riya-gupta-9b5947251](https://www.linkedin.com/in/riya-gupta-9b5947251) · 🏠 github.com/Riya922003 · 🌐 personal-portfolio-16qr.vercel.app

Professional Summary

Full-Stack Web Developer specializing in **React.js**, **Next.js**, and **MERN stack**. Built scalable applications serving 100+ users, implemented **CI/CD pipelines** reducing deployment time by 70%, and optimized databases achieving sub-200ms response times.

Technical Skills

- **Languages:** JavaScript (ES6+), TypeScript, Python, C++, Java
- **Frontend:** React.js, Next.js, HTML5, CSS3, Responsive Design, State Management (Zustand, Redux)
- **Backend:** Node.js, Express.js, RESTful APIs, GraphQL, JWT Authentication, Flask
- **Databases:** MongoDB, PostgreSQL, SQLite, Query Optimization, AWS (EC2, S3, Lambda), Firebase, Vercel, Docker, CI/CD, Git/GitHub

Education

Vellore Institute of Technology

Bachelor of Technology in Computer Science

Bhopal, India

Aug 2022 – May 2026

Work Experience

Product Development Intern – Axxentra Nextgen Pvt Ltd

May 2025 – Sep 2025

- Collaborated with cross-functional engineering teams in **Agile/Scrum environment** to design, develop, and optimize drone hardware kits, resulting in 15% improvement in overall product performance metrics
- Architected and implemented comprehensive **testing frameworks** including unit and integration test suites, automating quality assurance workflows that reduced assembly errors by 20% and improved product reliability

Projects

KeyNotes – Real-time Collaboration Platform

Next.js, React.js, PostgreSQL, Drizzle ORM

- Architected full-stack web application for real-time journaling and productivity tracking with **responsive web design**, ensuring seamless user experience across desktop and mobile devices for 100+ active users.
- Implemented **CI/CD pipelines** on Vercel with automated testing and deployment, reducing deployment time by **70%** and achieving 99.9% uptime.
- Enhanced application scalability using Zustand state management and TanStack Query for efficient data fetching, boosting performance by **30%** and improving user engagement by **25%**.

Smart Contract Property Registry System

React.js, Node.js, Express.js, MongoDB

- Built secure full-stack web application for property management featuring multi-role authentication, authorization, and user access controls using **JWT tokens** and bcrypt encryption.
- Designed and implemented **RESTful APIs** with Express.js and optimized MongoDB queries using indexing strategies, achieving sub-200ms average response time and handling 1000+ concurrent requests.
- Developed robust document upload system with file validation, error handling, and cloud storage integration, processing 500+ property documents with 99.5% accuracy.

FIR-Sahayak – Digital Complaint Management System

Flask, JavaScript, SQLite

- Developed full-stack complaint filing system with comprehensive input validation and data sanitization, reducing security vulnerabilities by **90%** and ensuring data integrity for 500+ complaints.
- Automated PDF report generation using ReportLab with legal timestamps and digital authentication, streamlining documentation process and reducing manual work by **80%**.
- Built admin dashboard with search filters, pagination, and real-time complaint tracking, improving case management efficiency by **60%** for administrative users.

Certifications and Achievements

- **Leadership:** Technical Co-Lead, NULL Chapter VIT Bhopal – Leading technical initiatives.
- **Competitive Programming:** Selected for hackathons including Google's Girls Hackathon (2024), Smart India Hackathon, Bhartiya Antrariksh Hackathon (BAH), ZS Campus Beats, FOSS Hack