1. Personal Introduction & Background

Riya Rastogi is a Full-Stack AI Engineer based in India, specializing in building scalable web applications, real-time systems, and intelligent AI assistants. She is passionate about performance optimization, modern JavaScript ecosystems, and deploying production-ready solutions. Her work focuses on bridging academic knowledge with industry-grade development practices.

Vision Statement: To become a leading AI-augmented full-stack developer contributing to intelligent, user-centric applications that solve real-world problems at scale.

Mission:

- Deliver high-performance, maintainable, and accessible web applications
- Integrate AI and machine learning to enhance user experience
- Mentor peers and contribute to open-source and internal knowledge sharing
- Continuously upskill in emerging technologies

Core Values:

- Code quality and clean architecture
- Performance-first development
- User empathy and accessibility
- Transparency and documentation
- Continuous learning and collaboration

As of November 2025, Riya has completed 1 professional internship, 4 major full-stack projects, and maintains active profiles across GitHub, LeetCode, and professional networks. She has trained in Generative AI, full-stack development, and competitive programming.

2. Contact & Digital Presence

Email: riya02rastogi@gmail.com

Phone: +91 7617827177

Portfolio: https://riya-rastogi.netlify.app/

 LinkedIn: https://www.linkedin.com/in/riya-rastogi-260180204/

GitHub: https://github.com/ri123-ya

Docker Hub: https://hub.docker.com/u/riya02rastogi

3. Professional Experience

3.1 SDE Intern – OneHash.ai

Duration: June 2025 – November 2025

Role & Responsibilities: Contributed to a SaaS scheduling and automation platform serving enterprise clients.

Key Achievements:

- Implemented RFC 5545 (iCalendar RRule) for recurring event logic and migrated 100% of legacy bookings
- Re-architected storage layer using Prisma, reducing query execution from 10ms to 3ms
- Optimized conditional form rendering for SMS/non-SMS workflows
- Enhanced geo-aware onboarding, increasing India market profile verification by 20%
- Developed Team Availability dashboard ,view schedules and book multiple members in one interface.
- Debugged Client Issues and Resolved multiple client-reported bugs for stable performance of product.
- Introduced QR-based dynamic booking links, improving mobile conversion by 10%

Tech Stack: TypeScript, React.js, Next.js, Node.js, REST API, Prisma, PostgreSQL

3.2 Graduate Engineer Trainee – Indus Towers

Duration: September 2024 – November 2024

Role & Responsibilities: Supported telecom infrastructure monitoring and outage resolution in coordination with field teams.

Key Achievements:

- Resolved 15+ critical network outages with zero downtime escalation
- Gained hands-on experience in large-scale telecom diagnostics and SLA management

4. Projects Portfolio

4.1 Personal AI Assistant (RAG-Powered Chatbot)

Live URL: https://riya-my-bot.netlify.app/

Source Code: https://github.com/ri123-ya/My-BOT

Docker Image: https://hub.docker.com/u/riya02rastogi

Project Overview: A retrieval-augmented generation (RAG) AI assistant trained on personal resume and project data for intelligent, context-aware responses.

Key Features & Optimizations:

- Multi-LLM orchestration using LangChain and Qdrant vector database

- Reduced API calls by 27% via intelligent route splitting
- Decreased latency from 12.2s to 3.5s
- Implemented NodeCache for session persistence, reducing token usage by 58%
- Integrated LangFuse for full observability, cost tracking, and latency profiling
- Fully containerized with Dockerfile and deployed via Docker

Tech Stack: React, Node.js, Express, Tailwind CSS, Google GenAI, LangChain, Qdrant, Groq Cloud, Docker

4.2 CodeUp – Real-Time Video Interview Platform

Live URL: https://code-up-gamma.vercel.app/

Source Code: https://github.com/ri123-ya/CodeUp

Project Overview: A production-grade video interviewing tool with screen sharing, recording, and real-time collaboration.

Key Features:

- Supports 1000+ concurrent users via Stream SDK
- Reduced page load time by 30% using Next.js Server Components
- Secure authentication and room management with Clerk
- Real-time UX with Convex backend

Tech Stack: Next.js, TypeScript, Stream, Convex, Clerk, Tailwind, Shadcn

4.3 Socially – Full-Stack Social Media App

Live URL: https://social-media-five-drab.vercel.app/

Source Code: https://github.com/ri123-ya/Social_media

Project Overview: A modern social platform with posts, media uploads, and real-time interactions.

Key Features:

- Built using Next.js App Router and Server Components
- Secure auth with Clerk, data persistence via Prisma + PostgreSQL
- Supported 50+ test users with full CRUD and media upload

Tech Stack: Next.js, TypeScript, Clerk, PostgreSQL, Prisma, TailwindCSS, Shadcn, UploadThing

4.4 PingUp – Real-Time Chat Application

Live URL: https://pingup.onrender.com/login

Source Code: https://github.com/ri123-ya/PingUp

Project Overview: A scalable real-time messaging app with group and private chats.

Key Features:

- Instant message delivery using Socket.io
- JWT-based authentication and Zustand state management
- Improved real-time sync performance by 40%
- Supports 40+ active test users

Tech Stack: MongoDB, Express, React, Node.js (MERN), Socket.io, JWT, TailwindCSS, DaisyUI, Cloudinary

5. Education

Degree: B.Tech in Electronics and Communication Engineering Institution: Amity University. Duration: September 2020 – June 2024 CGPA: 8.63 / 10.0

6. Technical Skills

Programming Languages:

- C++
- JavaScript
- TypeScript
- SQL

Frameworks & Libraries:

- React.js
- Next.js
- Express.js
- Tailwind CSS
- Shadcn
- DaisyUI
- LangChain
- LangFuse
- Zustand
- Clerk

Tools & Technologies:

- Node.js
- PostgreSQL
- MongoDB
- Qdrant
- REST API
- Groq Cloud

- Git
- Docker
- Vercel
- Postman

Courses Completed:

- Data Structures & Algorithms
- Object-Oriented Programming
- Database Management Systems
- Computer Networks
- Operating Systems
- Generative AI

7. Competitive Programming & Achievements

LeetCode:

- Profile: https://leetcode.com/u/ri_123/
- 355+ problems solved
- 100-day streak
- SQL 50 Badge

GeeksforGeeks:

- Profile: https://www.geeksforgeeks.org/user/r76178eyb4/
- 155+ problems solved
- Ranked 16th among 1000+ Amity students

Coding Ninjas:

- Profile: https://www.naukri.com/code360/profile/228ea4c9-17e5-470d-9504-ec6340c6c387
- 75+ problems (DP, Trees, Graphs, Linked Lists)

GitHub Activity:

- Profile: https://github.com/ri123-ya
- 765+ contributions
- 33 repositories
- Proficient in Git workflows, branching.