

# Samragyi Sharma

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## EDUCATION ENROLLMENT

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**B.Tech, Computer Science (Software Product Engineering)**

**(2024–2028)**

**JECRC University – Kalvium Program, Jaipur**

**Relevant Coursework:** Full-Stack Development, Data Structures & Algorithms, Product Engineering

## TECHNICAL SKILLS

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**Frontend Development:** HTML, CSS, JavaScript, React.js – Intermediate

**Backend Development:** Node.js, Express.js – Intermediate

**Database Technologies:** MongoDB, PostgreSQL, MySQL – Advanced

**Programming Languages:** Java – Advanced, Python – Advanced

**Data Structures & Algorithms:** Proficient in Java and Python – Intermediate

**Tools & Platforms:** Git, GitHub, GitHub Actions, Docker, Thunder Client, Postman, VS Code – Advanced

**Deployment:** Netlify, Vercel, Render, Cloudflare – Advanced

## PERSONAL STATEMENT

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Full-stack developer with hands-on experience building and deploying scalable MERN + PostgreSQL applications. Strong focus on API design, CI/CD (GitHub Actions), and performance optimization. Built solo apps serving 50+ users, contributed to open-source projects with 90%+ test coverage, and deployed production-grade features using Netlify, Render, and Docker. Seeking full-stack or backend SWE internships for 2025.

## EXPERIENCE

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### Kalvium Work Integration - 1

(Expected: Aug 2025 – Dec 2025)

- Will build real-world applications with partner companies using the MERN stack
- Focus areas: feature delivery, REST API design, and agile collaboration
- Will engage in CI/CD workflows, testing, and cloud deployment practices

### Other Experience

#### Class Representative – JECRC University

(Aug 2024 –

Present)

- Represented a batch of 50+ students; streamlined academic communication with faculty
- Co-organized 3+ technical workshops and coordinated multi-team participation in Kalvium's PromptRepo Hackathon

#### Volunteer – ISRO Science Exhibition, JECRC University

(Feb 2025)

- Selected as CR delegate for a national science exhibition hosted by ISRO
- Managed event logistics for 200+ attendees and liaised with ISRO for 10+ exhibitions

## GitHub Projects

### HackTok – Life Hack Sharing Platform

(Jan 2025 – Mar 2025)

GitHub: [HackTok](#) | Deploy: [Deploy HackTok](#)

Solo Project

- Built a dual-database MERN + PostgreSQL platform with full CRUD and real-time filtering, used by 50+ weekly users
- Optimized API response time from 500ms to <200ms using query indexing and route restructuring
- Deployed on Render + Netlify with 99.9% uptime across 4 weeks

### SkinGenie – Skincare Routine Tracker

(Apr 2025 – May 2025)

GitHub: [SkinGenie](#) | Deploy: [Deploy SkinGenie](#)

Solo Project

- Designed and launched a skincare tracker with persistent data sync; reduced form abandonment by 35%
- Refactored React UI using reusable components, reducing frontend code redundancy by 40%

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## Academic & Open Source Contributions

### Real Dev Squad – Backend API (*Open Source Contribution*)

GitHub: [Real Dev Squad](#)

- Shipped bulk creation API for progress records; improved backend throughput by 60%
- Enhanced CI reliability by reducing test failures 30% through better validation and TDD using Firebase Emulator

### MERN Ecommerce Platform – Open Source Contribution

GitHub: [Ecommerce Repo](#)

- Added product comparison feature with Redux Thunk and async flows
- Collaborated on modular UI and multi-role logic (Buyer/Seller/Admin)

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## ADDITIONAL INFORMATION

### Achievements

- Represented my School at Model United Nations conference (Patrika), formulating resolutions and advocating for policy changes on international issues; secured a top 10 speaker ranking out of 150+ participants.
- First Runner Up Aarunya 2023 by MITS Gwalior

### Certifications

- Foundation of Web Development (Udemy) – React, Bootstrap, CSS
- Java Bootcamp A-Z for Beginners (Udemy)
- Python Programming Bootcamp (Udemy)