

# Shreya Singh

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## TECHNICAL SKILLS

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**Languages:** JavaScript, TypeScript, SQL, C++

**Frontend:** React, Next.js, HTML5, CSS3

**Backend:** Node.js, Express.js, RESTful APIs, MongoDB

**Cloud & DevOps:** AWS (EC2, S3), Docker, Git, CI/CD, Vercel, GCP

**Core Concepts:** Data Structures & Algorithms, System Design, Object-Oriented Programming (OOP)

## EXPERIENCE

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### Systems Engineer

Nov 2021 – Dec 2023

*Infosys*

*Hyderabad, India*

- Engineered and deployed optimized SQL scripts and custom automation tools for production environments, reducing manual debugging time by over **30%** and improving system uptime.
- Conducted rigorous root-cause analysis on complex software bugs, implementing robust fixes that enhanced data integrity and significantly increased system stability for end-users.
- Owned the design and execution of comprehensive test plans (functional, regression, UAT), identifying critical defects pre-release and ensuring high-quality software delivery standards.
- Actively drove Agile ceremonies, led code reviews, and mentored junior team members on best practices in software development, version control, and system testing.

## PROJECTS

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### RepoFinder: A GitHub Discovery Engine

**Live Demo | GitHub**

*Tech Stack: React, Framer Motion, CSS3, REST API, Vercel, CI/CD*

- Developed a dynamic and responsive frontend with **React**, leveraging **React Hooks** for efficient state management and seamless API data integration.
- Engineered a superior user experience by implementing custom skeleton loaders to prevent content layout shifts during asynchronous data fetching from the GitHub API.
- Established a full **CI/CD pipeline** using **Vercel**, enabling automated builds and instant deployments directly from every git push to the main branch.

## EDUCATION

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### C.V. Raman Global University

Bhubaneswar, Odisha

*Bachelor of Technology (B.Tech.), Electronics and Communication Engineering*

*2017 – 2021*