

Shreya Singh

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TECHNICAL SKILLS

Languages: JavaScript (ES6+), TypeScript, SQL, C++
Frontend Development: React.js, Next.js, HTML5, CSS3
Backend Development: Node.js, Express.js, **REST APIs**, MongoDB
Developer Tools & Cloud: AWS EC2, Docker, Git, **CI/CD**, GCP, Postman
Software Engineering Concepts: **Agile Methodologies**, **System Design**, **Problem Solving**, Software Development Principles, JWT Authentication, API

EXPERIENCE

Systems Engineer

Nov 2021 – Dec 2023

Infosys

Hyderabad, India

- Analyzed and **resolved software issues** using SQL in production/staging environments, ensuring data integrity and system stability.
- Developed** and deployed SQL scripts and custom automation tools, improving debugging efficiency by **30%**.
- Contributed to code reviews and designed test plans (functional, regression, UAT) to ensure application performance and adherence to **software development principles**.
- Collaborated within an **Agile team**, actively participating in sprint planning and daily stand-ups to facilitate smooth software roll-outs and maintain project documentation.
- Performed **root-cause analysis** for system inconsistencies and optimized Agile workflows, contributing to improved system stability.

PROJECTS

Audio Room App *(Full-Stack Audio Communication Software Solution)*

GitHub

Tech Stack: React.js, Node.js, Express.js, MongoDB, TypeScript, Stream API, AWS EC2

- Engineering a full-stack** audio communication software application, focusing on scalable design and robust backend integration.
- Designed and developed backend APIs** (Express.js, MongoDB) and integrated Stream Video SDK for **real-time audio**.
- Optimizing front-end features and enhancing audio session stability through systematic debugging and iterative improvements.

Personal Budget Tracker *(Full-Stack Financial Management Application)*

GitHub

Tech Stack: Django, React.js, Zustand

- Developing a full-stack personal budgeting application by applying **software development principles** throughout the design and development lifecycle.
- Creating **RESTful APIs** using Django REST Framework; rigorously tested endpoints with Postman.
- Designing responsive frontend (React.js, Zustand) for optimized state management and user experience.
- Managed **CI/CD pipelines**, demonstrating end-to-end application development.

EDUCATION

C.V. Raman Global University

Bhubaneswar, Odisha

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

2017 – 2021