

# Sandesh Shahapur

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## EDUCATION

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### RNS Institute of Technology

Bangalore, India

*Bachelor of Engineering in Computer Science Engineering - 8.37 CGPA*

*2022 – 2026*

## PROJECTS

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### SAFA | *Express, SQLite, Redis, React.js*

- Built a Discord-integrated e-sports tournament platform, enabling OAuth authentication and JWT-based session handling.
- Implemented player recruitment, team/match management, and role-based player/team/league profiles.
- Overcame concurrent silent session refresh synchronisation issues and Discord API rate limits through Redis-based session caching.

### ABotHasNoName | *Python, PostgreSQL, Discord.py*

[GitHub](#)

- Created a custom Discord bot to automate community tasks, increasing community growth and engagement by 200%.
- Integrated Plotly for real-time analytics on community demographics, user activity and engagement.
- Designed and optimized a PostgreSQL database.

### Tournament Scheduler | *SpringBoot, React.js, Docker*

[GitHub](#) [Demo](#)

- Developed a sports tournament scheduling web app with customizable round-robin formats.
- Designed an optimized backtracking algorithm to generate valid schedules efficiently.
- Enabled users to configure tournament constraints and generate multiple tournament schedule permutations.

### ADeveloperHasNoName | *Hugo, Cloudflare*

[GitHub](#) [Demo](#)

- Built a technical blog and portfolio on software development, attracting monthly 1.5k+ unique visitors and 7k+ views.
- Implemented an interactive in-page glossary lookup system having interconnected cyclic lookups.
- Improved site speed by 30% using Hugo pipelining, static-site generation (SSG), and Cloudflare caching.

## TECHNICAL SKILLS

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**Languages:** Java, JavaScript, Python, SQL(Postgres, SQLite), Redis

**Frameworks / Libraries:** Spring Boot, Express.js, React.js, Tailwind, Bootstrap

**Developer Tools:** Git, Docker, IntelliJ, Maven, VS Code, Postman

## POSITIONS OF RESPONSIBILITY AND ACHIEVEMENTS

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### Member, Google Developer Student Clubs (GDSC):

- Conducted hands-on web development workshops and developer tool training sessions for 150+ students.
- Participated in initiatives promoting technology awareness and student engagement.

### Competitive Programming Achievements:

- 1st place in a college semester-wide coding contest (140+ participants).
- Solved 200+ LeetCode Medium problems, improving DSA proficiency.

### Member, BigO (competitive programming) club:

- Regularly participate in peer code reviews and algorithmic challenges.

## HOBBIES

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Running, Mixed Martial Arts (MMA), Engaging in Apologetics