

Sandesh Shahapur

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EDUCATION

RNS Institute of Technology

Bangalore, India

Bachelor of Engineering in Computer Science Engineering - 8.3 CGPA

2022 – 2026

PROJECTS

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

- Built a Discord-integrated e-sports tournament platform, enabling OAuth authentication and JWT-based session handling.
- Developed both an API and a user interface to support 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 tournament scheduling web app with 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, receiving 100+ organic views in the past 30 days.
- Built an interactive in-page glossary lookup system having interconnected dynamic cyclic definition lookups.
- Improved WCAG accessibility compliance, enhanced dark mode support for images, and improved responsiveness.

TECHNICAL SKILLS

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

Member, Google Developer Student Clubs (GDSC):

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

Competitive Programming Achievements:

- 1st place in 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

Running, Mixed Martial Arts (MMA), Swimming