

# Sandesh Shahapur

+919538386818 | [contactsandeshshahapur@gmail.com](mailto:contactsandeshshahapur@gmail.com) | [linkedin.com/in/sandeshshahapur](https://linkedin.com/in/sandeshshahapur) | [github.com/sandeshShahapur](https://github.com/sandeshShahapur)

## EDUCATION

---

### RNS Institute of Technology

Bangalore, India

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

*2022 – 2026*

## PROJECTS

---

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

- Developed a Discord-integrated e-sports tournament web service, enabling OAuth authentication and JWT-based session handling.
- Developed features for public search, player recruitment, team and match management, and player/team/league profiles with role-based views.
- Overcame silent session refresh synchronisation issues and Discord API rate limits through Redis-based session caching.

### ABotHasNoName | *Python, PostgreSQL*

[GitHub](#)

- Developed a custom Discord bot to automate and enhance community management using discord.py.
- Increased server bump frequency by 200%, leading to higher engagement and community growth.
- Integrated Plotly for data visualization, providing analytics on community demographics, user engagement and community activity.
- Designed and normalized a PostgreSQL database, ensuring efficient data storage, consistency, and optimized query performance for user interactions and analytics.

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

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

- Built a sports tournament scheduling WebApp supporting customizable round-robin formats.
- Designed an optimized backtracking algorithm to generate multiple valid tournament schedules efficiently.
- Enabled users to configure custom parameters like game constraints and the number of schedules to generate (permutations).

### ADeveloperHasNoName | *Hugo, Cloudflare*

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

- Created a technical blog and portfolio on software development, attracting 1.5k+ unique montly visitors and 7k+ monthly views.
- Developed a custom in-page glossary lookup mechanism using tree-like modals, supporting recursive/cyclic links.
- Optimized site performance using Cloudflare caching and static-site generation (SSG).

## TECHNICAL SKILLS

---

**Languages:** Java, JavaScript, SQL(Postgres, SQLite), Redis, Python, HTML/CSS, C

**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):

- Organized hands-on web development workshops and developer tool training sessions.
- Participated in initiatives promoting technology awareness and student engagement.

### Competitive Programming Achievements:

- Ranked 1st among 140 participants in the college semester competitive programming contest.
- Solved 200+ Medium problems on LeetCode, improving proficiency in data structures and algorithms.

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

- Regularly participate in algorithmic challenges and peer code reviews to improve problem-solving skills.