

# Shivam Jayaswal

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## PROFILE :

Full-stack developer with hands-on experience building scalable MERN applications featuring authentication, role-based access, and voting systems, along with applied NLP solutions for resume screening.

## TECHNICAL SKILLS :

- **Languages:** JavaScript, Java, Python, SQL
- **Frontend:** React.js, HTML, CSS
- **Backend:** Node.js, Express.js, Flask
- **Databases:** MongoDB, MySQL
- **Tools:** Git, GitHub, Firebase
- **Concepts:** REST APIs, JWT Authentication, MVC, Basic DSA

## EDUCATION :

**DON BOSCO INSTITUTE OF TECHNOLOGY (D.B.I.T) ,Mumbai**

**Aug 2023 - Present**

**B.E Computer Engineering.** GPA: 8.9/10 (sem-3)

**MAHILA SAMITI HIGH SCHOOL & JR. COLLEGE :** (HSC :– 71.17% , MHT CET :– 93.12%ile)

**July 2021 - Feb 2023**

## PROJECTS : ( Actively developing and maintaining full-stack projects on GitHub with clean commits and modular architecture.)

### Collaborative Gifting Platform (MERN) <https://collaborative-gifting-platform.web.app/>

- Built a full-stack platform enabling users to create groups, invite members via unique codes, suggest gifts, vote, and track contributions.
- Implemented JWT-based authentication, role-based access control (organizer/member), and secure REST APIs for all core workflows.
- Designed normalized MongoDB schemas for users, groups, gift suggestions, votes, and contributions with proper references and validations.
- Integrated contribution status tracking and organizer approval flow to simulate real-world payment confirmation logic.
- Focused on scalable backend architecture, clean API design, and modular frontend components for maintainability and future feature expansion.

### Gamified Legal Awareness Platform (MERN) – In Progress

- Developing a gamified learning platform aimed at improving legal awareness through quizzes, levels, points, and reward-based engagement.
- Implementing user authentication, progress tracking, and leaderboard systems to encourage consistent participation and retention.
- Designing RESTful backend APIs to manage quizzes, user progress, scores, and game states efficiently.
- Emphasizing clean UI-driven user flows and scalable backend structure to support future content expansion and analytics.

### Resume Matching & Screening Tool (Flask, NLP) <https://sri28.pythonanywhere.com/>

- Built a resume–job description matching system using NLP-based text similarity to assist recruiters in shortlisting candidates.
- Implemented text preprocessing and TF-IDF–based similarity scoring to evaluate relevance between resumes and job requirements.
- Developed a Flask web application enabling PDF upload of resumes and job descriptions with real-time match scoring and skill comparison.
- Optimized the NLP pipeline for lightweight deployment under infrastructure constraints, focusing on practical applicability over heavy models.

## EXTRA-CURRICULUM ACTIVITIES AND CERTIFICATES :

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| • <b>Full Stack Web Development (MERN) – Certified</b>    | • <b>Selected for Internal SIH Hackathon</b> |
| • <b>Participant – ISRO Bharatiya Antariksh Hackathon</b> | • <b>Java Course Completion</b>              |