

# SkillNet

## An Interview Management System

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<https://github.com/Pranav-Venkat-YK/SkillNet>

- **Introduction**

Our project aims to develop a comprehensive job portal website using Ruby on Rails for both front-end and back-end development, with SQL as the core database management system. The platform is designed to connect students seeking job opportunities with companies looking for potential candidates, while also facilitating interview management.

- **Key Features**

1. **Student Registration & Profile Management**

- Students can create accounts and enter their personal, academic, and professional details.
- Resume upload and skill-based profile enhancement.
- Search and apply for relevant job openings.
- *SQL is used to efficiently store and manage student data, ensuring quick retrieval and secure access.*

2. **Company Registration & Job Posting**

- Companies can create accounts and manage job postings.
- Search for potential candidates based on qualifications and skills.
- View student profiles and shortlist candidates.
- *SQL is utilized for managing company profiles, job listings, and candidate applications, ensuring data integrity and optimized query performance.*

3. **Interview Management System**

- Companies can schedule interviews with shortlisted candidates.
- Automated notifications and reminders for scheduled interviews.
- Tracking interview status and final hiring decisions.
- *SQL enables structured interview scheduling, tracking interview history, and maintaining logs for better organization.*

#### 4. User-Friendly Interface & Security

- Responsive and intuitive design for seamless user experience.
- Secure authentication and data protection measures.
- Efficient database management to handle multiple user requests.

#### • Tech Stack Used

- Front-end: Ruby on Rails
- Back-end: Ruby on Rails
- Database: MySQL

#### • References

- MY SQL  
<https://www.w3schools.com/MySQL/>
- Ruby  
[https://youtu.be/t\\_ispmWmdjY?si=tmokqUtIZ55RWZVS](https://youtu.be/t_ispmWmdjY?si=tmokqUtIZ55RWZVS)
- Ruby on Rails  
[https://youtu.be/fmyvWz5TUWg?si=vw6J\\_EGKBZVG2P1X](https://youtu.be/fmyvWz5TUWg?si=vw6J_EGKBZVG2P1X)