

# Yash Agarwal

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## EDUCATION

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### Vellore Institute of Technology

B.Tech - Computer Science and Engineering, CGPA - 9.13/10

Chennai, IND

July. 2022 - May. 2026

### Radha Krishna Public School

Class-XII CBSE , Percentage-95.4%

Amroha,UP

Mar 2021 - Mar 2022

### Radha Krishna Public School

Class-X CBSE , Percentage-95%

Amroha,UP

Mar 2019 - Mar 2022

## AWARDS AND POSITIONS HELD

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- Selected as a **top 10 finalist** teams in **Pan India Hackout 2023** .
- Secured **First** Position in the **BITWARS** conducted by IEEE Computer Society of VIT Chennai.
- Secured **First** Position in the **Cyber Security Hackathon** conducted by VIT Chennai.
- **Organized Solveathon 2024**, a hackathon across all **VIT campuses**, promoting innovation and problem-solving skills among participants.
- **Co-Founder of ProDInno Club** at VIT Chennai, spearheading initiatives to cultivate a culture of product innovation within the student community.

## TECHNICAL SKILLS

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**Languages:** Java, Servlet, JSP, Thymeleaf, Python, C/C++, SQL (MySQL),Angular JS,React JS

**Frameworks:** Spring, Spring Boot, MVC , Hibernate, Spring Security,JWT Authentication

**Developer Tools:** Git, Spring Tool Suite, Postman,GenAi

## PROJECTS

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### Hospital Management System | *Servlet ,Jsp,, MySQL* | [Github](#)

- **Proficient** in configuring and managing user roles and permissions within the HMS to ensure **data security** and access control.
- Skilled in utilizing the **admin page** to manage hospital departments, user roles, and **access control**, contributing to efficient HMS administration.
- Implemented a **role-based access control** system within the HMS, enabling doctors to access and manage the medical records and information of their assigned patients exclusively.

### Phishing Detection Chrome Extension | *Python, Flask, ML, HTML CSS JS , Beautiful Soup*

- Real time url detection using advanced and **dynamic machine learning** models with high accuracy guaranteeing users a secure online environment.
- Pre-emptively checks if the webpage in itself is a hyperlink by using **advanced web techniques**.
- In-depth feature detection of every website using **web scraping** to instantly extract unique features like **redirects** and **iframes**.

### Smart Contact Manager | *SpringBoot, Thymeleaf, MySQL* | [Github](#)

- Created a user-friendly **dashboard** with features such as contact management, profile management, password management, pagination, and **personalized search** functionality.
- Implemented **secure login** and registration functionalities with **server-side** validations for enhanced data integrity.
- **Streamlined** contact management with intuitive options for viewing and deleting contacts.