


# NISHANT KUMAR ANTIWAL

Bijnor, Uttar Pradesh

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## Education

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**Indian Institute of Information Technology, Bhopal**

**Nov 2020 – Present**

*Bachelor of Technology in Electronics and Communication Engineering, CGPA - 7.95*

*Bhopal, Madhya Pradesh*

## Projects

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**Spring Pet Clinic** | *Spring Boot, Java, CSS, HTML, Docker*

- Proficient in building and running the Spring Petclinic application using Maven or Gradle, showcasing Java 17 or newer expertise
- Skilled in containerization, proficient at building container images with the Spring Boot 3 build plugin
- Experienced in configuring databases for Petclinic, including in-memory (H2), MySQL, and PostgreSQL
- Competent in setting up development environments using 5+ popular IDEs like Eclipse, IntelliJ IDEA, and VS Code
- Familiarity with database management, including setup, configuration, and optimization for both relational and in-memory databases

**Covid-19 Vaccination** | *Java, Spring Framework, Spring Boot, Spring Data JPA, Hibernate, MySQL*

- Implemented end-to-end authentication with session UUIDs for User, Doctor, and Admin roles
- Developed 10+ user features including secure registration, login, appointment booking, and profile updates
- Admin Module for comprehensive control, allowing 10+ authorized admins to manage users, doctors, and vaccination center records
- Designed and implemented an Integrated Dose Generation Module to streamline the tracking and allocation of vaccine doses. Significantly enhances the overall workflow, providing real-time visibility into vaccine inventory
- Utilized Java 18, Spring Framework, Spring Boot, Spring Data JPA, Hibernate, and MySQL for a robust backend solution

## Positions of Responsibility

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- **Treasurer** of : **Student Council**, IIIT Bhopal
- **Coordinator** of Sports Activities @ IIIT-Bhopal.

## Achivements

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- **Leetcode** : Solved 150+ problems on Leetcode, encompassing 3+ difficulty levels and categories, achieving an accuracy rate of 89 %, demonstrating strong programming skills & knowledge of algorithms & data structures
- **Codechef** : Tackled and solved 100+ problems on Codechef, implementing set of algorithms and programming techniques, and achieving a efficacy rate of 92%
- **CodeRush** : Achieved 17th rank in coding contest CodeRush conducted by CODAME IIIT Bhopal
- Tackled 400+ programming problems on competitive programming platforms including Codechef and Codeforces

## Technical Skills

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**Programming:** C++, HTML5, CSS5, C, Spring Boot, Java, ReactJs, NodeJS, JavaScript, SQL

**Development:** VS Code, Github, Git, Atlas, Codepen, MySQL, Java

**Database:** Mongoddb, Arangodb

**Tools:** Github, Git, Netlify, Heroku, VSCode, Postman