

ISHA NIGAM

Email | +91 6387536613 | LinkedIn | Github

Education

DIT University , Dehradun
BTech-CSE

Aug 2022 - Present

Delhi Public School, Lucknow
Intermediate , 86%

June 2020 - June 2021

Projects

Ration Management System

- **Developed** a scalable **Ration Management System** using **Spring Boot** and **MySQL** to streamline ration distribution and automate backend operations for public supply chains.
- **Designed** secure, **role-based modules** for **Admin**, **Shopkeeper**, and **User**, enabling efficient management of inventory, allocations, and transaction history.
- **Integrated RESTful APIs** to support real-time data updates, **user authentication**, and **request handling** across all modules.
- **Optimized** MySQL queries to ensure **fast and reliable record retrieval**, enhancing overall system responsiveness.
- **Implemented** input validation, exception handling, and a modular **service-layer architecture** to ensure clean, maintainable, and testable code.

Technology & Skils

Java Programming | DSA | SQL | OOPS | SpringBoot | Spring | Git | API | PostgreSQL | Postman | Cloud Computing | NoSQL | Debugging | Logic Building | Project Analysis | Team Work | Team Leading

Extra Curricular

Member, CGC Club (Coding, Gaming, Cyber Security)

- Engaged in various club activities focused on coding challenges, gaming strategies, and cybersecurity practices
- Participated in workshops and discussions to enhance technical skills in these areas

Volunteer, GPF Club (NGO)

- Assisted in organizing community outreach programs and fundraising events
- Contributed to various initiatives aimed at improving social welfare and community engagement.

Certifications

Introduction to Java | Introduction to Java Enterprise Edition (EE) | Introduction to Relational Databases | Cloud Computing Basics | Introduction to Containers w/ Docker, Kubernetes & OpenShift | Introduction to Software Engineering | Basics of Cisco Networking | Blockchain Basics

Profile Link

LeetCode : [[Profile Link](#) 

+280 Problem solve