

# ANUJ KUMAR

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## Summary

- Java Backend / Full Stack Developer and problem solver with strong expertise in Data Structures Algorithms (DSA), Spring Boot, Microservices, REST APIs, and secure authentication systems. Experienced in building production-grade applications using JWT, OTP-based login, role-based access control, and service discovery. Proven ability to design scalable backend systems with clean architecture, efficient algorithms, database integration, and modern frontend support using React. Actively pursuing PG-DAC at CDAC Hyderabad and seeking backend or full-stack roles.

## Education

**Centre for Development of Advanced Computing (CDAC), Hyderabad**  
*Post Graduate Diploma in Advanced Computing (PG-DAC)*

August 2025 – Present

**Rajkiya Engineering College Azamgarh**  
*B.Tech, Information Technology*

November 2020 – June 2024

GPA: 7

**S.K.G.N Inter College Mansoorpur Mafi, Sambhal**  
*Intermidiate*

2019, Grade: 65.2

## Skills

**Languages:** Java, SQL

**Backend & Frameworks:** Spring Boot, Spring MVC, Spring Security, Spring Data JPA, Hibernate

**Databases:** MySQL, MongoDB

**Frontend:** React, HTML, CSS, Thymeleaf

**Authentication & Security:** JWT, OTP-based Authentication, Role-Based Access Control

**DevOps & Tools:** Docker (Containerization Basics), Git, GitHub, Maven, Postman, Jira

**Certificates:** Google Data Analytics Course, Prompt Engineering for ChatGPT Verify

## Projects

**AgroConnect – Role-Based Social Media Platform for Farmers** | *Servlets & JSP| GitHub | Live* **January 2026**

- \* Designed and developed a production-grade social media platform for farmers using Spring Boot, React, and MySQL with clean layered architecture and reusable components.
- \* Applied OTP-based authentication with JWT security and role-based access control (Admin/Farmer), including a PENDING → APPROVED farmer onboarding workflow.
- \* Built a LinkedIn/Instagram-style feed featuring post creation, image uploads via Cloudinary, likes, comments, and dynamic search by crop title, description, and crop type.
- \* Developed an Admin dashboard with real-time user statistics and moderation features, secured APIs with Spring Security, and implemented protected routes with responsive UI design.

**Order–Item Microservices System** | *Spring Boot, Spring Data JPA, MySQL | GitHub |*

**January 2026**

- \* Planned and enhanced Order and Item microservices using Spring Boot based on microservices architecture.
- \* Executed Netflix Eureka Server for service registration and discovery to enable dynamic service lookup.
- \* Integrated Spring Data JPA with MySQL for reliable data persistence and ORM-based database operations.
- \* Enabled inter-service communication where Order Service consumes Item Service APIs using RestTemplate with Eureka discovery.
- \* Exposed RESTful APIs to return combined order and item details, simulating real-world distributed systems.

**Microservices-Based Employee Management System** | *Spring Boot, Spring Cloud, MySQL | GitHub |* **January 2026**

- Planned and developed a Microservices-based backend system using Spring Boot and MySQL, following industry-standard microservice architecture.
- Built independent services such as Employee Service, Account Service, and Plot Service, each with its own database for loose coupling and scalability.
- Configured Service Registry using Spring Cloud Netflix Eureka for dynamic service discovery and inter-service communication.
- Created RESTful APIs with Spring MVC and Spring Data JPA, ensuring efficient database operations and clean layered architecture.