

PROFESSIONAL SUMMARY

Java Backend Developer (Fresher) with hands-on experience in building RESTful APIs using Spring Boot, Spring Data JPA, and MySQL. I am skilled in authentication, authorization, controller design, exception handling, and integrating React-based frontends with backend services. Working on full-stack projects, i.e., Smart Crop Advisory System, gaining practical understanding of end-to-end development and deployment-ready architecture.

SKILLS

- **Languages :** Java, Python
- **Frameworks :** Spring Boot, Spring Data JPA, Spring Security, RESTful APIs
- **Databases :** MySQL
- **Technologies :** Maven, Thymeleaf, Linux, Generative AI, Data Analytics
- **Tools :** Git, postman, IntelliJ IDEA, Power Bi
- **Core Concepts:** Object-Oriented Programming (OOP), Data Structures & Algorithms, Database design
Exception handling, Java Collection Framework(JCF)

PROJECT

SMART CROP ADVISORY SYSTEM – 3RD RANK (UDBHAV HACKATHON)

Nov 2025 – Progress

(Joint venture of Uttarakhand Govt. & Gurukul Kangri DTBU)

➔ **Tech Stack:** Java, Spring Boot, Spring Security, MongoDB, HTML, CSS, JavaScript.

➔ **Description:**

A smart agriculture platform that provides crop recommendations, soil-based insights, weather alerts, and government scheme information for hill-region farmers of Uttarakhand. Built as a full-stack prototype during Udbhav Hackathon, where it secured **3rd position**.

➔ **Key Features**

- User authentication & JWT-based login system
- Crop advisory & crop-list APIs
- Farmer/user profile management
- Global exception handling for consistent API responses
- React-based responsive frontend with routing, toast notifications, API integration
Tailwind CSS styling + i18nnext for multi-language support

➔ **Responsibilities**

- Designed backend architecture & implemented REST APIs
- Created core controllers for Auth, User & Crop modules
- Setup React frontend project with routing, UI components & API calls
- Configured Tailwind CSS, Post CSS & internationalization for future scaling
- Built and presented functional prototype at Udbhav Hackathon.

EDUCATION

MASTER IN COMPUTER APPLICATION

- Gurukula Kangri (deemed to be University), Haridwar

2026

BACHELOR IN COMPUTER APPLICATION

- Greater Noida Institute of Technology, Greater Noida

2024

CERTIFICATIONS

HEWLETT PACKARD ENTERPRISE SOFTWARE ENGINEERING JOB SIMULATION ON FORAGE

Sept 2025

- Wrote a proposal for a RESTful web service to manage a list of employees.
- Built a web server application in Java Spring Boot that can accept and respond to HTTP requests as well as support uploading JSON data.
- Developed and ran a set of unit tests to assess my Java Spring Boot application's performance.

DATACOM SOFTWARE DEVELOPMENT JOB SIMULATION ON FORAGE

Aug 2025

- Completed a simulation focussed on how the software development team at Datacom approaches their work
- Reviewed a web application and planned for future improvements
- Identified the root cause of bugs and implemented a fix to improve the application

DECLARATION

I hereby declare that the information provided above is true to the best of my knowledge and belief.

Place : Roorkee, Uttarakhand

Signature : Aniket Samanta