

# Goka Akanksha

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## Summary

- Motivated and detail-oriented **B.Tech graduate in Artificial Intelligence and Machine Learning** with hands-on experience in Java-based application development. Skilled in object-oriented design, SDLC concepts, RESTful API development, and problem-solving.
- Have knowledge on web applications using **Java/J2EE, Spring Boot, and Microservice Architecture**.
- Have knowledge on database management with **Oracle, MySQL**.
- Knowledge of **CI/CD pipelines** and version control tools for efficient software development and deployment.
- Skilled in **problem-solving, creativity, and collaborative teamwork**, with a passion for innovative projects.
- Seeking a **Software Developer / Java Full Stack** role to apply problem-solving skills and contribute to innovative projects.

## Skills

**Programming Languages:** Java, Python (Basic)

**Frameworks/Technologies:** Spring Boot, Hibernate, J2EE, Servlets, JDBC, RESTful API Development

**Web Technologies:** HTML5, CSS3, JavaScript

**Databases:** MySQL, Oracle, PostgreSQL

**Development Tools:** Eclipse, Visual Studio Code, Git, GitHub

**Concepts:** Object-Oriented Programming (OOPs), Data Structures & Algorithms, Software Development Life Cycle (SDLC), CI/CD, Agile Methodology

**Cloud:** IBM Cloud (Basics), AWS (Basics)

**Soft Skills:** Analytical Thinking, Problem Solving, Collaboration, Communication, Adaptability Projects

## CargoFlow – Freight and Truck Management System

Sept-2025

- Built a backend using Spring Boot and Hibernate with CRUD operations for carriers, trucks, and orders.
- Designed RESTful APIs and validated entity relationships ensuring data integrity.
- Implemented entity relationships (One-to-Many, Many-to-One) and validations for data integrity.
- Focused on modular, clean code with proper exception handling and response structures.
- Improved efficiency of order tracking by 25% through modular design and exception handling.

## Agribot: An Intelligent Voice Based Chatbot with crop Prediction

Jun-2025

- Developed an intelligent farmer-friendly chatbot with text/voice support for agricultural guidance, crop prediction, and soil NPK monitoring.
- Implemented real-time soil parameter analysis and natural language interaction to assist farmers in decision-making for improved agricultural productivity.

## Certificates/ Training

Java Full Stack | JSpiders (2024-2025) - Hands-on training in Spring Boot, JDBC, Hibernate, and MySQL.

CSS/ Java Skill Certification | Hacker Rank (2025) - Demonstrated proficiency in front-end and core Java skills.

## Education

### AVN Institute of Engineering and Technology

Nov 2021 – Aug 2025

BTech in Artificial Intelligence and Machine Learning

CGPA| 7.72/10.0

### Vector Junior College -

2019-2021

Telangana State Board of Intermediate Education in MPC

CGPA| 9.2/10.0

### Dr.K.K.R's Gowtham Concept School -

2018-2019

Secondary School Certificate (SSC)

CGPA| 9.3/10.0

