

PRINCE TYAGI

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PROFILE

Full Stack Java Developer specializing in AI-integrated applications — Spring Boot, React, and LangChain4j/RAG pipelines. Built and deployed a multi-agent business platform combining ML forecasting, secure JWT-based access control, and an LLM-powered document assistant. Strong foundation in DSA, system design, and clean architecture; seeking an entry-level Software Engineer role where I can ship production-grade full stack features from day one.

SKILLS

- **Languages:** Java (Core Java, OOP, Collections, DSA), C, Python
- **Backend:** Spring Boot, Spring Security, REST APIs, JPA, Hibernate, MVC, Microservices, FastAPI
- **Databases:** MySQL, MongoDB, SQL
- **Frontend:** React, JavaScript, HTML, CSS, Bootstrap 5, Angular, Responsive Design
- **DevOps & Tools:** Git/GitHub, Maven, Docker, CI/CD, Postman, IntelliJ IDEA
- **AI / GenAI:** LLM integration, LangChain4j, RAG, Vector Search, Prompt Engineering, Ollama
- **Core CS:** DSA, OOP, DBMS, Operating Systems, Computer Networks, System Design

PROJECTS

[AI-Powered Multi-Agent Business Assistant](#) | *React.js, Spring Boot, Java 21, MySQL, FastAPI, Python, JWT, LangChain4j, Ollama*

- Architected a full-stack AI business platform (React + Spring Boot + FastAPI) with real-time analytics dashboards for sales and inventory data.
- Integrated a Python ML forecasting model (90%+ accuracy) via FastAPI for inventory planning.
- Secured the application using JWT and RBAC authentication.
- Developed a RAG-based AI assistant with LangChain4j and Ollama for document querying.

[Finance Management System](#) | *React, HTML, CSS, JavaScript*

- Built a responsive finance management app with separate user and admin dashboards for transaction tracking.
- Handled 500+ simulated financial transactions with real-time UI updates and full data integrity validation.

EXPERIENCE

CodSoft — Java Development Intern | *Virtual Internship*

- Built 5 Core Java desktop applications (ATM interface, student management system, currency converter, and others) applying OOP and the Collections Framework across 20+ reusable classes.
- Implemented file handling and exception handling to strengthen application reliability.

EDUCATION

- **Galgotias University**, Noida — Master of Computer Applications (MCA), CGPA 9.0/10.0 | 2024–2026
- **Chaudhary Charan Singh University**, Meerut — Bachelor of Computer Applications (BCA), 69.39% | 2021–2024

CERTIFICATIONS

- Java Programming Fundamentals — Geekster (2025)
- CCNA: Introduction to Networks — Cisco Networking Academy
- C Programming Language — Simplilearn (2024)