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Profile

Java Backend Developer with hands-on experience in building secure and scalable RESTful APIs using Spring Boot and Spring Security. Specialized in JWT authentication, role-based access control, and global exception handling. Skilled in clean architecture, modular service design, and MapStruct-based DTO conversion. Passionate about cybersecurity, automation, and writing maintainable, production-grade code.

Education

2019 – 2023	Bachelor of Engineering in Computer Science and Engineering <i>Kings Engineering College/CGPA: 7.89/10</i>
2017 – 2018	Higher Secondary Certificate <i>Saraswathi Vidyalaya Matriculation Hr. Sec. School/Percentage: 54%</i>
2015 – 2016	Secondary School Leaving Certificate (10th) <i>Saraswathi Vidyalaya Matriculation Hr. Sec. School/Percentage: 74%</i>

Skills

Technical Skills :

Programming Languages: Java, Python, C++, C
Backend Frameworks: Spring, Spring Boot, Spring Security, FastApi
Web: HTML, CSS, JavaScript, ReactJs
Database: MySQL, Oracle SQL*Plus, MariaDB
Tools: Git, GitHub, Postman, Maven
Servers: Tomcat, WildFly, Uvicorn
Concepts: RESTful APIs, JWT, Exception Handling, Form Handling (HTML/CSS/JS), CRUD
Additional Skills: Debugging

Personal Skills :

Teamwork: Collaborating effectively to achieve shared goals.
Problem-Solving: Identifying challenges and implementing efficient solutions.
Communication: Articulating ideas clearly and engaging in productive dialogue.
Leadership: Leading teams successfully in academic projects and events.

Projects

Order Management System [🔗](#)

Technologies Used : Java, Spring Boot, Vanilla JS

Built a full-stack e-commerce order management system with **JWT authentication** and **role-based access** for Admin and User roles.

Developed secure **REST APIs** using **Spring Boot** and **Spring Security** for user auth, product management, cart, and order workflows.

Implemented clean **layered architecture** with **MapStruct** for DTO-entity conversion and modular service structure. Designed a centralized **global exception handler** with structured error responses for robust API behavior.

Created a responsive **frontend using HTML, CSS, and JavaScript**, supporting dynamic cart, checkout, and admin dashboards.

Built **modular JS components** for seamless integration with backend APIs (login, registration, product loading).

Applied secure **session management** using browser storage and role-based frontend route protection.

Utilized **Spring Scheduler** to run automated background jobs (e.g., dynamic price updates).

Movie Ticket Booking System API

Technologies Used : Java, Spring Boot

Developed a secure and scalable **RESTful API** for a movie ticket booking platform using **Java 17** and **Spring Boot**. Implemented **JWT-based authentication** and **role-based access control** for users and theater owners via **Spring Security**.

Designed a clean **backend architecture** using layered components: controllers, services, repositories, DTOs, and **MapStruct** mappers.

Built modules for **booking, show management, theater, and screen administration** with real-time validation and capacity enforcement.

Applied centralized **exception handling** with structured error responses to enhance reliability and debugging.

Ensured maintainability and scalability with clean coding principles, modular design, and separation of concerns.

Certificates

Java Full Stack

Completed **Java Full Stack Professional Course** from **JSPIDERS – Java Training and Development Center**, with hands-on experience in Java, JDBC, Servlets, JSP, Spring, Hibernate, SQL, HTML, CSS, JavaScript, and frameworks like Spring Boot and React.

Machine Learning Master Class

Completed the **30-day Machine Learning MasterClass** organized by **NoviTech R&D Private Limited**.

Cyber Security Master Class

Completed the **30-day Cyber Security MasterClass** organized by **NoviTech R&D Private Limited**.

Internship on Python

Gained hands-on experience in Python programming and application development during an internship at Shiash Info Solution Pvt. Ltd