

# Aditya Java Backend Developer

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## Profile

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**Java Backend Developer with hands-on experience building RESTful and reactive APIs using Spring Boot, Spring MVC, Spring WebFlux, Spring Security, Spring Cloud, and JPA/Hibernate.**

## Skills

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**Programming** — Java (Core, OOP, Collections, Concurrency, Streams), C/C++ (Fundamentals), SQL (Joins, Indexing, Schema Design)

**Frameworks, APIs and Tools** — Spring Boot, Spring MVC, Spring Security, Spring Cloud (OpenFeign for inter-service communication), Spring WebFlux (API Gateway)

**Tools & Developer Practices** — Git, GitHub (branching strategies, PR-based collaboration, version control), PostgreSQL (schema design, indexing, query optimization), Arch Linux (system configuration, package management, development environment setup), CI/CD fundamentals, build pipelines, environment orchestration

**DevOps Highlights** — Docker: networking (bridge/host/overlay), service communication, volumes (named/bind), persistence. Images & runtime: layer caching, .dockerignore, non-root users, resource limits (CPU/memory), healthchecks, base images (Alpine, slim, distroless). CI/CD & infrastructure: image build/tag/push workflows, Docker Hub, Nginx reverse proxy.

## Projects

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### Gigsly - A Microservices-based Freelance Marketplace Platform

**USP:** Trust-focused freelance marketplace designed to reduce scams and payment fraud through verified identities, escrow-style transaction flow, transparent reputation systems, and structured dispute resolution.

**Frontend:** React, TypeScript **DevOps & Microservices:** Docker, Spring Cloud Gateway (reactive), Eureka

**Backend:** Java, Spring Boot, **Spring WebFlux**, Spring Cloud, Spring Security, PostgreSQL, JPA/Hibernate, OpenFeign.

- Built microservices with **Spring Cloud Gateway (reactive)**, **Eureka**, and inter-service communication using **OpenFeign**.
- Implemented **JWT-based authentication and role-based authorization** with gateway-level request filtering.
- Developed REST APIs using **Spring Boot + JPA/Hibernate** with **PostgreSQL**, integrated with a React frontend.
- Containerized services using **multi-stage Docker builds** for isolated multi-service deployment.

### EventSphere - Event Management & Ticketing Platform

**Tech Stack:** React, TypeScript, Java, Spring Boot, Spring Security, PostgreSQL, JPA/Hibernate, Docker

- Built an event management and ticketing platform with secure booking workflows and role-based access control.
- Developed RESTful APIs for event creation, attendee registration, and ticket management using Spring Boot and PostgreSQL.
- Integrated a React + TypeScript frontend and containerized the application using Docker for deployment consistency.

## Experience

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08/2025 – 02/2026      **Sparkling Minds Technologies Private Limited**, *Java Backend Internship 6 months*  
Sec-63 Noida, Uttar Pradesh

07/2025 – 08/2025      **Okie Dokie Solutions LLP**, *Full Stack Development 6 Weeks Internship*  
Z-114, Sec-12, Noida

## Awards

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**Sathack X Perplexity 2025 Winner**, *Thapar Institute of Engineering and Technology*

## Education

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**Bachelor of Technology in Computer Science and Engineering** | 2026, *Kurukshetra University, Kurukshetra*

**Senior Secondary (Class XII), CBSE** | 2022, *MDN Public School, Rohtak*