

ARUP MAHATO

Java Backend Developer

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PROFESSIONAL SUMMARY

Java Backend Developer with 3+ years of experience designing, building, and deploying scalable REST APIs and microservices using Java, Spring Boot, and Hibernate/JPA. Hands-on with MySQL, MongoDB, and Redis, JWT and Spring Security based authentication, payment gateway integrations, and query and performance optimization. Experienced in owning backend features end to end from design through production deployment in Agile teams.

TECHNICAL SKILLS

Languages: Java 8/11/17, SQL, Core Java, OOP, Collections, Multithreading, Exception Handling

Frameworks: Spring Boot, Spring MVC, Spring Data JPA, Spring Security, Spring AOP, Hibernate

Architecture: Microservices, RESTful API Design, MVC, Layered Architecture, SOLID Principles, Monolith-to-Microservices Migration

Databases: MySQL, MongoDB, Redis, Query Optimization, Indexing, Schema Design, Transaction Management

Security: JWT, OAuth 2.0, Role-Based Access Control (RBAC), Spring Security, API Authentication and Authorization

Tools & DevOps: Git, GitHub, Maven, Docker, Postman, Swagger/OpenAPI, IntelliJ IDEA, Linux, CI/CD, Agile/Scrum

Integrations: Payment Gateways, Third-Party REST APIs, Webhooks, CRM Systems, Wix Plugin Services

PROFESSIONAL EXPERIENCE

Backend Development Engineer

Dec 2024 – Present

Togethring Media Labs

Pune, India

- Designed and delivered 10+ Spring Boot microservices supporting high-traffic production applications, decomposing a monolithic codebase to enable independent, faster deployments.
- Built and secured 100+ REST endpoints with JWT authentication and role-based authorization using Spring Security, eliminating unauthorized-access defects across all services.
- Integrated payment gateway flows handling 100+ monthly transactions, implementing idempotency keys and webhook reconciliation to prevent duplicate charges and payment mismatches.
- Optimized Hibernate/JPA queries and MySQL schemas by resolving N+1 query issues, adding composite indexes, and introducing Redis caching for frequently accessed data, measurably reducing average API response time.
- Built the Wix plugin powering Ekatra, a co-shopping platform enabling real-time shared shopping sessions, and implemented session-based event tracking with data processed in MongoDB to power merchant-facing behavioral analytics.
- Developed core features for Annotico, a property investment platform, including broker analytics dashboards, dual payment gateway integration (Stripe, Dodo Payments) for subscription billing, and a WhatsApp-based investor notification system.

Java Backend Developer

Jun 2023 – Sep 2024

Heliverse Technologies

Gurugram, India

- Developed and maintained Spring Boot REST APIs for a Customer Management System (CMS) serving 500+ active users, following clean layered architecture and SOLID principles.
- Built a real-time property bidding system handling concurrent bids using database transactions and locking strategies to guarantee data consistency under simultaneous access.
- Implemented payment gateway integration and role-based access control (RBAC) across core modules, securing sensitive customer and transaction data.
- Partnered with frontend, QA, and product teams in Agile sprints to translate business requirements into scalable, maintainable backend designs.

EDUCATION & TRAINING

Bachelor of Computer Applications (BCA) – Manipal University Jaipur

Backend Development Program – Masai School

ADDITIONAL INFORMATION

Languages: English (Professional), Hindi (Fluent), Bengali (Native)