

Humam Ul Islam

Java Backend Developer

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🔗 Portfolio

PROFESSIONAL SUMMARY

Result-oriented Java Backend Developer with over 2 years of professional experience in designing scalable microservices and RESTful APIs. Expert in Java, Spring Boot, and Node.js, with a strong command over RDBMS (MySQL) and NoSQL (MongoDB) databases. Proven track record of optimizing application performance through Hibernate Search and efficient data indexing. Committed to writing clean, maintainable code and implementing robust security protocols like JWT and Spring Security.

PROFESSIONAL EXPERIENCE

- Platform Commons, Software Engineer** 02-2023 – 03-2025 | Remote, India
- **Scalable Multi-Tenancy:** Managed a high-scale multi-tenant architecture, handling massive data influx from thousands of clients per tenant, ensuring strict **Data Isolation** and optimized query performance.
 - **Security:** Mitigated critical SQL injection vulnerabilities by implementing session-level validation and parameterized queries.
 - **Payments:** Integrated *Razor-Pay API* for recurring monthly donations and orchestrated data via *Feign Client* and *Kafka*.
 - **Big Data:** Architected a *Telemetry system* using *Click-House* for real-time analytics.
 - **Session Management:** Engineered a **cookie-based tracking mechanism** to monitor telemetry and analytics for logged-out users, ensuring data continuity while maintaining stateless API principles.
 - **Search:** Optimized data retrieval by implementing *Apache Solr* indexing.
 - **Data Analytics & Reporting:** Leveraged an internal reporting engine to generate complex JSON-based analytical reports using optimized SQL queries and data projection techniques.
 - **API Documentation:** Streamlined the deployment of new microservices with automated **Swagger/OpenAPI** documentation, ensuring standardized API contracts across the development environment.

EDUCATION

- Masai School, Java Backend Development** 02-2022 – 02-2023 | Bangalore
- Shaheed Bhagat Singh College Delhi University** 🎓, *B.Com (Honours)* 07-2018 – 07-2021 | Delhi, India

TECHNICAL SKILLS

Backend (Java, Spring Boot, Feign Client.) | **Database & Analytics** (MySQL (RDBMS), MongoDB (NoSQL), **ClickHouse (OLAP)**, Apache Solr) | **Messaging & Integration** (Kafka, Razorpay Gateway, REST APIs, Swagger) | **Tools & DevOps** (Git, Shell Scripting, JWT)

PROJECTS

- Blog Application (Duration: 15 Days)** 🎓, *Spring Boot (JWT) APIs*
Designed a secure content management system with role-based access and decoupled architecture.
- Tech Stack:** Java, Spring Boot, Spring Security, Hibernate, MySQL, JWT
- Features & Responsibilities:**
- **Security:** Implemented **JWT-Auth** with **HttpOnly Cookies** and **RBAC** (Admin/User) using Spring PreAuthorize to prevent XSS/CSRF.
 - **Architecture:** Developed scalable **RESTful CRUD APIs** for Blogs, Comments, and Categories with standardized JSON responses.
 - **Data Modeling:** Optimized data integrity using complex **One-to-Many/Many-to-Many** mappings with Hibernate ORM.

SOFT SKILLS

Leadership | Teamwork Creativity | Problem-Solving | Time Management