

# Ankit Pant

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## PROFESSIONAL SUMMARY

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Highly motivated and detail-oriented Java Backend Developer with 3 years of experience in designing and implementing scalable, high-performance web applications. Proficient in Java, Spring Framework, RESTful APIs, Apache Kafka, and microservices architecture, with a strong focus on building robust and efficient backend systems. Experienced in backend development, database management, and cloud technologies, with a proven ability to deliver innovative solutions that drive business success.

## TECHNICAL SKILLS

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**Languages:** Java, SQL

**Frameworks & Tools:** Spring Boot, Hibernate, Maven, Gradle, JUnit, Mockito, Git, JIRA

**Architecture:** Microservices, Design Patterns, RESTful APIs, gRPC

**Messaging Systems:** Apache Kafka

**Databases:** MySQL, PostgreSQL, MongoDB, Elasticsearch

**Cloud & DevOps:** Azure, Docker, Kubernetes

## WORK EXPERIENCE

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**GlobalLogic**

*Senior Software Engineer*

**Noida, Uttar Pradesh**

Aug 2022 - Present

- Developed proof-of-concept (POC) features for a web application, utilizing Java and Spring Boot with comprehensive JUnit testing for robust functionality.
- Designed and implemented end-to-end APIs within a microservices architecture, creating core services such as API, management, and read services.
- Integrated gRPC calls to enable seamless communication between the API service and the management service, managing data operations in PostgreSQL.
- Employed Apache Kafka for event-driven architecture to ensure real-time data synchronization, boosting data processing efficiency by 40%.
- Integrated Elasticsearch for scalable data storage and retrieval, increasing search accuracy by 50%.
- Designed and developed several JDBC adapters to facilitate SQL-like operations on TIBCO Data Virtualization (TDV) Engine, replacing the costly CData adapters.
- Leveraged Java 8 to optimize the MongoDB JDBC adapter's performance and scalability, enhancing the client tool's interaction with MongoDB.

## PROJECTS

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### Hitachi Energy Lumada- Asset Management Project

*It provides an open configurable model development environment to calculate various power grid asset indices such as health score, probability of failure, predicted end life etc.*

- Developed several Rest APIs using Spring Boot with minimum bugs which involves data persistence in PostgreSQL database.
- Developed Kafka producers and consumers to publish and consume the data on topic ensuring data sync between microservices.
- Contributed by working on priority 1 and priority 2 bugs on urgent basis.
- Worked on test case coverages, sonar fixes using Junit Mockito ensuring good coding practice.

Cloud Software Group- TDV (TIBCO Data Virtualization)

An initiative to develop in-house JDBC adapters for TDV, enabling real-time integration across diverse databases. The project aimed to replicate the full capabilities of existing CDATA adapters, reducing third-party licensing costs while providing seamless access to data via JDBC protocol.

- Developed various JDBC drivers to enable the TDV application to connect seamlessly with JDBC/non-JDBC databases, emulating traditional database access.
- Engineered a JDBC driver specifically for MongoDB, facilitating robust and efficient database interactions.
- Conducted performance testing for the Snowflake adapter by running benchmark queries with varying fetch sizes, column counts, and table sizes. Identifying bottlenecks and optimization opportunities to improve scalability and efficiency.

EDUCATION

<b>G.B. Pant University of Agriculture &amp; Technology</b> <i>Bachelor of Technology in Information Technology</i> CGPA: 7.7/10	<b>Pantnagar, Uttarakhand</b> 2018 - 2022
<b>Kendriya Vidyalaya</b> <i>Class 12</i> Percentage: 89/100	<b>Dehradun, Uttarakhand</b> 2016 - 2017

ADDITIONAL INFORMATION

**Certifications:** Google Certified Associate Cloud Engineer, HackerRank Certified Java Developer, HackerRank Certified SQL Developer

**Awards/Activities:** GlobalLogic Eminence Excellence Award (Q2 2024-2025), GlobalLogic Spotlight Of The Month (June, 2024), GlobalLogic Star Of The Sprint.

**Language:** English, Hindi.