

# Kushal Bhowmick

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## Summary

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Experienced Java back-end developer with over 4 years of experience working in the Strategic Growth Business Unit. Skilled in Java, Spring Boot, Spring Web, REST APIs, and PostgreSQL database. Proficient in designing and implementing robust and scalable back-end solutions, with a keen eye for optimizing performance.

## Experience

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**Java Backend Developer**, TCS – Kolkata, West Bengal, India April 2021 – Present

- Developed RESTful APIs using Spring Boot, improving application performance by **40%**, making existing implementations leaner and supporting over 3,000+ concurrent users.
- Achieved **100%** consistency in a team of 4 members, responsible for driving POCs to Create Catalog Automation product.
- Streamlined data ingestion process by **50%** through automated Excel upload functionality and validations.
- Developed Reject Report Generation Service, reducing manual effort by **70%** and generated more than 100 reports per day.
- Documented development processes by creating comprehensive guides that improved onboarding efficiency for new team members.

**Frontend Developer**, ROITech Pvt Ltd – Kolkata, West Bengal, India July 2020 – March 2021

- Developed user-friendly educational platform app using SAPUI5, JavaScript, and HTML/CSS.
- Enhanced user engagement through responsive design and interactive features, supporting over 1000 active users.
- Implemented test-driven development (TDD) approach to ensure code quality and efficiency.
- Designed and executed test plans and test cases, including regression, performance and functionality tests.
- Reduced downtime and improved productivity through rigorous testing and continuous improvement.

## Technologies

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**Languages:** Java, SQL, C++.

**Frameworks:** Spring Boot, Spring Web, Spring REST, Hibernate ORM.

**Libraries:** Maven, JDBC, Data JPA, Log4j, Lombok, NPM.

**Databases:** PostgreSQL, MySQL, MongoDB.

**Dev Tools:** Eclipse, Tortoise SVN, GitLab, Git, Jira, Jenkins, Postman, Swagger UI.

**Others:** Data Structures, Algorithms, Microservice, GCP, Apache Kafka, HTML/CSS.

## Education

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**Narula Institute of Technology**, BTech in Electronics and Instrumentation

July 2015 – July 2019

## ACHIEVEMENTS

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- Received Continuous Feedback Star certificate for driving continuous learning and enhancing my skill set.
- Received Service Commitment Award for my exceptional dedication and collaboration.

## CERTIFICATIONS

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- FreeCodeCamp - Responsive Web Design(HTML5 + CSS3).
- FreeCodeCamp - JavaScript Algorithms and Data Structures.
- LinkedIn - Building RESTful APIs using Spring Boot.