



# AVISHEK UPADHYAY

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## SUMMARY

Team Lead with 6+ years of experience in developing scalable applications and microservices. Specialized in full-stack development using Java and Spring Boot. Proven track record of delivering high-performance solutions and leading development teams.

## WORK EXPERIENCE

**Team Lead | Wissen Technology | Morgan Stanley** **October 2022 – Present**

### Data Governance & Cataloging:

- Led development and enhancement of data governance and report glossary systems using Java, Spring Boot, and Collibra, enabling enterprise-wide governance and metadata cataloging.
- Built a Docker-based Gradle project for streamlined report metadata cataloging with multi-level validations and rule-based workflows using Drools, decreasing new data issues by 90%.
- Automated metadata generation processes using Java annotations, reflection, and cucumber testing frameworks. Increasing cataloging by 30% across the organization.
- Designed comprehensive data lineage mapping to enable real-time metadata cataloging and cross-functional collaboration, and automated approval workflows increasing ease of use by 10%.
- Optimized real-time data processing using Kafka, PostgreSQL, and DFS algorithm, integrating Redis for caching enhancing platform performance by 25%.
- Led a 5-member agile team, conducted technical showcases, mentored team members, and onboarded 8 new hires contributing to an overall revenue increase of 15%.

**Systems Engineer | Tata Consultancy Services | Citibank** **May 2020 – October 2022**

### Wealth Management:

- Enhanced wealth management systems using Java, Spring Framework, and MySQL, optimized JPA queries, and improved transaction performance by 14%.
- Migrated legacy systems from Struts to Spring MVC, improving maintainability and reducing defects.

**Systems Engineer | Tata Consultancy Services | Transgrid** **May 2019 – May 2020**

### Enterprise Asset Management:

- Designed, developed, and maintained web applications using Java, J2EE, Spring, Hibernate, MySQL, and integrated with IBM Maximo for enterprise asset management.
- Designed ETL programs to migrate data from third-party systems to Maximo via MxLoader for seamless integration.

**Assistant Systems Engineer | Tata Consultancy Services | Kingfisher** **June 2018 – May 2019**

### Product Lifecycle Management:

- Developed backend solutions with Java, Spring, and JDBC integrated with FlexPLM, including customization, configuration, reporting, and deployment on unix server using MobaXterm.
- Managed GitLab repositories as a Build Manager, handling creation, maintenance, builds, and release of development changes.

## EDUCATION

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### B.Tech in Computer Science & Engineering

March 2014 - June 2018

Kalyani Government Engineering College

- Affiliated with Maulana Abul Kalam Azad University of Technology, Kolkata, West Bengal.
- Percentage: 70.9%
- Thesis on "Face Detection using Viola Jones Algorithm".

### HSC 12th

March 2012 - March 2013

National English School

- Affiliated to CISCE, New Delhi.
- Percentage: 82%
- Subject: Science & Computer

### SSC 10th

March 2010 - March 2011

National English School

- Affiliated to CISCE, New Delhi.
- Percentage: 82%
- Subject: Science

## TECHNICAL SKILLS

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- **Programming Languages:** Java, Python, JavaScript, C/C++
- **Build Tools:** Gradle, Maven
- **Frameworks:** Spring Boot, Spring Framework, Hibernate, JPA, Apache Kafka
- **DevOps:** Docker, AWS, BitBucket, GitLab, Git, Jenkins, Jira
- **Testing Tools:** JUnit, Cucumber, Swagger, Postman, Mockito, JaCoCo
- **Databases:** PostgreSQL, MySQL, Redis
- **Enterprise Tools:** IBM Maximo, FlexPLM, Collibra
- **Performance:** Loki, Grafana, Prometheus, Splunk, IBM Heap Analyzer, JConsole

## ADDITIONAL INFORMATION

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- **Languages:** English, Hindi, Bengali.
- **Certifications:** Morgan Stanley Agile Certification, Udemy Gradle Certification, Android Certification, TCS Maximo Certifications (Functional & Technical - E1 & E0), TCS Core Java Certification
- **Achievements:** Received "My Thanks" recognition at Morgan Stanley for conducting workshops, Secured rank under 500 in TCS CodeVita, Ranked 1 in college coding community on CodeChef, Runner-up in inter-school fashion parade, Winner of PowerPoint presentation competition in school

## HOBBIES

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- Photography, Video Editing, Music, Hiking, Adventure, Meditation