

Chetan Bhalotia

Senior Software Engineer

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PROFILE

Software Engineer with 3.5 years of hands-on experience in designing, building, and maintaining robust data pipelines and architectures. Proficient in SQL, Java, Beam, big data technologies, including Hadoop and Spark with a strong focus on optimizing data processing workflows and ensuring data integrity. Committed to delivering high-quality software solutions and achieving operational excellence.

EDUCATION

NIT Jalandhar, BTech

Jalandhar, India

PROFESSIONAL EXPERIENCE

Optum (UHG), Lead Software Engineer

Mar 2025 – present | Hyderabad, India

- Leveraged in house Address Standardization process to remove Java Native application improving standardization rate and reducing direct cost of \$60000 to licence native application

Optum (UHG), Senior Software Engineer

Mar 2023 – Feb 2025 | Hyderabad, India

- Led cost reduction projects by migrating DataStage (DS) jobs to Spark Java processes. Analyzed and understood existing DS logic, which resulted in significant cost savings(\$500k+ per year) for the team and improved processing time.
- Developed high persistence rate applications to load huge volumes of data(10M+) into Data Warehouse(Oracle) using Java and Kafka.
- Identified and resolved critical security vulnerabilities in code,enhancing application stability and compliance with security standards.
- Developed microservices using Java which are reusable across organization to various teams and which works as data source to various spark pipelines.
- Implemented streamlined processes to optimize system load and reduce support tasks with every incoming production incident.

Optum (UHG), Software Engineer

Jul 2021 – Feb 2023 | Hyderabad, India

- Built configurator application (an app for configuration setup for clients onboarding) with new Angular 2.0 as front end and Spring boot as backend framework and Oracle as DB.
- Constructed scalable APIs for Configurator, optimizing backend processes, resulting in improved application performance and faster response times for end-users.

SKILLS

Languages: — Java, JavaScript, TypeScript, **Frameworks:** — Spring, Spring Boot, Spring Batch, Hibernate, Apache Beam, Spark, Kafka, Angular, Node.js, Liquibase, Sqoop, **Tools/Platforms:** — Jenkins, Docker, Kubernetes, SonarQube, Git, DataStage, **Database Management:** — Oracle, SQLServer, Apache HBase, **Content Management:** — Rally, ServiceNow, Confluence, Github

ACHIEVEMENTS

- Got 2 promotions in 3 years in recognition of exceptional performance, technical proficiency and ability to deliver high quality solutions.
- Received BRAVO award in first year of joining for distinguished work.