

ABHISHEK KUMAR SINGH

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CAREER OBJECTIVE

An enthusiastic and optimistic engineering professional driven by technology and innovation. I prioritize tasks to maintain a balance between professionalism and personal growth. Currently, I am focused on exploring and experimenting with existing technologies, with a long-term goal of leveraging every technological opportunity and continuously enhancing my skill set.

EDUCATION

Lovely Professional University, Punjab, India

Bachelor of Technology in Computer Science and Engineering (CSE) | 2017-2021

TECHNICAL SKILLS

- EAI & Integration Tools: HCL Link (IBM Transformation Extender - ITX), Design Studio, SQL Developer, Visual Studio, Putty, APIs, Swagger
- Messaging/Streaming: Apache Kafka
- Version Control: GitHub, SVN
- Productivity Tools: JIRA, Beyond Compare, MS Office Applications
- File Formats: EDI (ANSI X12, EDIFACT), JSON, XML, CSV, Flat File
- Database: Oracle (11g)
- Programming Languages: SQL, Core Java
- Operating Systems: Linux, Windows

PROFESSIONAL EXPERIENCE

Senior Software Engineer

HCL Software, India

January 2025 - Present

Environment: HCL Link (IBM Transformation Extender - ITX), Apache Kafka, APIs, Oracle, Linux, Windows

- Developed and implemented robust data integration solutions for the UNICA project, focusing on connector development utilizing HCL Link (desktop version of IBM Transformation Extender - ITX).
- Designed and built HCL Link flows, encompassing complex maps and connections, to facilitate seamless data transformation and integration for various enterprise applications.
- Engineered and optimized connectors for diverse platforms including HubSpot, Infobip, Clevertap, Google, Instagram, Facebook, GupShup, and Zoho CRMs.
- Managed end-to-end development of data pipelines for Leads and Contacts within UNICA, ensuring efficient and accurate data flow between systems.
- Proficiently handled various file formats including CSV, JSON, Flat File, and Delimited files, and integrated with APIs and Apache Kafka for real-time data processing and messaging.
- Contributed to enhancing HCL's Customer Data Platform (CDP) capabilities by developing and integrating connectors that enrich and streamline data ingestion and transformation processes.

ITX Developer

Client: DHL (DSC) - BUILD TEAM | Encora DHL - IT, India

March 2024 - December 2024

Environment: IBM Transformation Extender (ITX 10.0.1), Oracle 11g, SVN

- Analyzed and reviewed Mapping Specification Documents (MSD) to understand and clarify JIRA requests.
- Assessed interface complexity to allocate appropriate development efforts and resources.
- Initiated development by clarifying MSD-related queries, understanding file types, creating Type Trees, and updating JIRA status.
- Conducted unit testing with mock inputs to ensure code functionality across various scenarios.
- Committed code using SVN, deployed using Blueprint, and performed comprehensive code reviews.
- Deployed and tested interfaces through Link CC, ensuring timely delivery and addressing any additional requirements through QAR tickets.
- Contributed to migration projects, including writing scripts in Command Prompt.

ITX Developer

Client: UPS (United Parcel Service) | Cognizant, India

March 2021 - March 2024

Environment: IBM Transformation Extender (ITX 9.0.0.3), Oracle 11g, Visual Studio, Linux

- Developed and managed the Transport Management System (TMS) for UPS, including handling invoices (210), tenders (204), orders (850), shipment status (214), and advanced ship notices (856).
- Integrated TMS with GIC, UPS's client EDI transformation architecture.

- Conducted full lifecycle application development, including analysis, design, data mapping, testing, and implementation using IBM Transformation Extender (ITX/WTX).
- Created and optimized Type Trees from XSD and developed run and router maps tailored for North America, Canada, Europe, and APAC regions.
- Performed rigorous testing across multiple environments (DEV, INT, QA) and debugged input files using trace and log files.
- Supported production deployment and resolved critical issues in collaboration with the production support team.