

LAV PRATAP SINGH

Software Developer

Contact



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Education

Degree: Aug - 2021

Guru Jambheshwar University
of Science and Technology!
-B'Tech(IT)

DIPLOMA PASSED CDL GOVT.
POLYTECHNIC N.S. SIRSA(2018)

12th Passed from R.N INTER
COLLAGE (2015)

10th Passed from msvm
vijayahata siwan -841226
(2012)

Key Skills

Java

SQL

Microservices

Jasper Reports

Profile

Enthusiastic Java Developer with 2 years of experience in Z K FRAMEWORK and Microservices. Successfully delivered CTS product using Z K Framework Seeking a challenging role to transition to a developer role with increased responsibility.

Professional Experience

CTS:JAN 2023–JAN 2025

Kalkaji, New Delhi

Software Developer at Image Infosystems Pvt. Ltd.

PROJECT DETAILS:

- This project automates the processing of cheques, eliminating the need for physical transportation. Here's an overview:
- Cheque Scanning and Reading: A batch of cheques is scanned, automatically capturing customer details. The system uses Intelligent Character Recognition (ICR) and Optical Character Recognition (OCR) to read characters on the cheques.
- Manual Verification: Since machine recognition can have errors, the system routes cheques through various modules for manual verification, ensuring accuracy.
- File Creation and Transfer: Once verified, a secure hex-encoded file (ICL) is created containing cheque information. This file is transferred securely via SFTP to the Multi-Vendor Processor server (MVP server), like NPCI in India.
- Distribution and Return Handling: The MVP server distributes individual ICL files to respective banks. If any issues arise, the MVP server returns an error file containing rejected cheques to the originating location.
- Recipient Bank Verification and Credit: Banks verify checks via Account APIs, transfers funds upon success.

RESPONSIBILITIES:

- Developed multiple modules for the company's enterprise application using **ZK FRAMEWORK, Microservices**, enhancing user experience and functionality.
- Designed and implemented Java services to handle business logic and data processing, ensuring robustness and scalability of the application.
- Integrated **RESTful APIs** to fetch account details from external systems, enabling seamless access to critical data within the application.
- Implemented advanced features within **Jasper Reports**, such as dynamic data grouping, parameterized queries, to enhance the interactivity and usability of generated reports. This allowed end-users to explore data from different perspectives, identify trends, and make informed decisions based on real-time information.
- Collaborated with cross-functional teams including business analysts and quality assurance testers to gather requirements, refine specifications, and ensure timely delivery of high-quality software solutions.
- Provided technical guidance and support to junior developers, facilitating their learning and growth within the team.