

# PRASHANT KHARCHE

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## SUMMARY

Software Engineer with experience building enterprise workflow applications. Strengths include **data validation**, **debugging via logs**, and development tooling (**Git**, **VS Code**).

## EXPERIENCE

### Software Engineer

LTIMindtree

December 2024 – Present

- Built and enhanced Citi Ops Portal, a web application that streamlines employee lifecycle transactions in the CITI account supporting initiation and tracking of **BGV & onboarding**, **transfers**, **AQM**, and **offboarding** workflows to improve operational efficiency and compliance.
- Developed end-to-end workflow screens and APIs enabling **transaction initiation**, **approval document uploads**, and **report generation**, ensuring transparency and audit-ready processing across employee lifecycle stages.
- Collaborated within a 6-member team to implement secure, scalable modules using **Angular (10+)**, **Java**, **Spring Boot**, **MySQL**, **JWT**, **REST APIs**, and improved quality via **JUnit/Selenium**-based test coverage and validation.

## PROJECTS

### Real-Time Credit Card Fraud Detection

September - 2025

- Built a **real-time streaming data pipeline** that ingests credit card transactions via **Apache Kafka**, processes events using **PySpark Structured Streaming**, and serves fraud decisions/alerts through **Spring Boot REST APIs** for downstream monitoring/consumption.
- Implemented **feature extraction + rule-based/statistical anomaly checks** on live streams with a focus on **data integrity and consistent event processing**, enabling quick identification of suspicious patterns.
- Strengthened **reliability + troubleshooting** by using **Spark checkpointing** for recovery and leveraging **PySpark/Spark application logs (Log4j-based logging configuration)** to debug streaming failures and validate pipeline behavior; iterated using **Git**, **VS Code**, **Postman**.

## TECHNICAL SKILLS

**Programming Languages:** Java, Python, TypeScript

**Backend:** Spring Boot, RESTful Web Services/APIs, OOP, Hibernate

**Frontend:** HTML5, CSS3, Tailwind, **Angular20**

**Big Data Processing/ Streaming :** PySpark (Basic), Kafka (Basics)

**Databases / DBMS:** **MySQL**, DBMS, JDBC

**Operating System:** Windows, Ubuntu/Linux (basics)

**Tools for Ops & Debugging:** Git/GitHub, VS code, Postman, IntelliJ IDEA, log4j, Maven, Swagger

## CERTIFICATIONS

Oracle Certified Professional: Java SE 11 Developer (OCJP)

January - 2025

## EDUCATION

### Bachelor of Engineering in Information Technology

2020 - 2024

Sinhgad Institute of Technology

7.78 CGPA

Savitribai Phule Pune University

### Higher Secondary Education (12th)

2019 - 2020

New English Junior College

74.59%

Higher Secondary School Certificate