


Hariansh Trehan

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Seasoned Engineer, adept at seamlessly integrating project technical aspects and project delivery. Experienced Leader with **9.5 years** history in the areas of Software Development and industrial experience in Financial, Insurance and eCommerce Sector.

Expertise in Java Frameworks and AWS products. Drove efforts towards process creation for better delivery while ensuring software maintainability. Actively mentored peers and led technical interviews for multiple organisations. Previously associated with **Bharti Airtel, Gurgaon** as **Lead Engineer**.

Skills

• JAVA • Spring • AWS • REST • MySQL • MongoDB • Kafka • Aerospike • Docker • Hibernate • REDIS • GIT • Kubernetes • JUnit • Jenkins • JIRA • Data Structure & Algorithm • Design Pattern • Leadership

Experience

APR 2021 – JAN 2025

Lead Engineer / BHARTI AIRTEL LTD.

- Led a team in the development of applications supporting debt management services, including credit cards, insurance, loans, and collections.
- Spearheaded the OMS (Order Management System) for payment-related orders for the Airtel Thanks App and web platform.
- Integrated Airtel-Works and Airtel-OBd systems to streamline call center operations.
- Designed and built a retargeting and collections calling application, resulting in a 15% increase in loan conversions and a recovery rate of 95% for high-value target segments, with an overall recovery rate of 88%.
- Architected and implemented a webhook and callback mechanism using Kafka queues to improve application performance.
- Collaborated with stakeholders to translate business requirements into effective technical solutions.
- Developed and programmed integrations with payment gateways including PayU, Razorpay, and Juspay.
- Optimized payment gateway routing algorithms to achieve high success rates, processing up to 2 million transactions per day.
- Led the migration of financial services projects to Spring Boot 3 and Java 17, ensuring system modernization and improved performance.
- Actively participated in interview drives to recruit top talent for the organisation.

NOV 2019 – MAR 2021

Senior Technical Associate / POLICYBAZAAR INSURANCE BROKERS PVT. LTD.

- Collaborated with core team as a Backend Associate to develop and run Proof of Concepts (POCs) for new tools and technologies, delivering optimized solutions for cross-functional use across multiple Lines of Business (LOBs).
- Contributed to database optimization and performance tuning to enhance project efficiency and scalability.
- Designed and developed a document management module leveraging CDN implementation with AWS S3 for enhanced scalability and performance.
- Built a Continuous Integration and Deployment (CI/CD) pipeline using Jenkins to streamline business-critical fraud evaluation, automate regression testing, and eliminate manual deployment processes.

MAY 2018 – NOV 2019

Senior Associate Technology / NAGARRO ENTERPRISE SERVICES PVT. LTD.

- Collaborated as a Backend Consultant to launch web and mobile ordering applications for Greenwich and Chowking, enhancing their food e-commerce solutions.
- Developed features for multi-delivery failover and last-mile delivery functionality, reducing sales drop and driving revenue growth.
- Collaborated with cross-functional teams to integrate various coupon types into the application.
- Documented technical specifications and design approaches to ensure clear understanding and seamless implementation.

JUN 2015 – APR 2018

Software Developer / LIBSYS. LTD.

- Developed a CMS application from scratch to provide website creation solutions, covering business logic, persistence layer, database implementation, and debugging production issues.
- Designed and built data-driven workflows and modules for a CRM application, boosting sales team productivity with modules such as Invoice, Payment, and Email.
- Collaborated with the team to integrate the CRM with Libsys's e-commerce website and internal search engine.
- Created a utility for dynamic report generation using Jasper, significantly reducing the effort required for client-specific report creation.
- Developed key modules for Libsys's e-commerce platform, including Pricing, Supplier, Stock, User, and Warehousing.
- Worked with RFID tags to convert and store bibliographic data for enhanced information management.

Education

2011-2015

Bachelor of Technology (Comp. Sc.) / Kurukshetra University, Kurukshetra – 72%

2011

Intermediate, Sacred Heart Convent School, Jagadhri / CBSE Board – 75%

2009

Matriculation, Sacred Heart Convent School, Jagadhri / CBSE Board – 84%