

Deepak Bhoria

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EDUCATION

- **Indian Institute of Information Technology - Allahabad** Allahabad, India
Bachelor of Technology - Information Technology *July 2009 - June 2013*

SKILLS SUMMARY

- **Frameworks:** Java (Spring Boot), Javascript (Node, Express), LAMP
- **Cloud:** AWS Cloud, Basic GCP
- **Datastores:** MySql, Cassandra, Memcache, Redis, Elastic search, RabbitMQ, Kafka, MongoDB
- **CICD:** Gitlab, Docker, K8S, Basic terraform & helm
- **Key Skills:** Design Patterns & Principles for Architecting Scalable Distributed Systems, Microservices concepts
- **Web:** Basic HTML & CSS, React, MUI REST, GraphQL, Web security, Basic gRPC

EXPERIENCE

- **Arrise** Hyderabad
Backend Architect *Feb 2024–Present*
 - **Kafka Migration:** Seamless migration of an EC2-based Kafka cluster processing **60k bets per minute** to AWS MSK, ensuring zero data loss and uninterrupted operation of surrounding services in multiple phases serving **40k concurrent** players. This involved carefully planning, coordination with stakeholders and executing the migration process to maintain consistency and reliability for both intra-service and inter-service communication.
 - **Managing critical files:** Integrated with GitLab CI/CD pipeline to streamline management of critical files across 15 games.
 - **Chat service features:** Enhanced monitoring capabilities by integrating Grafana with chat systems, resolved chat-related bugs to improve reliability, and developed the dealer module's chat feature to enable one way communication between support team and dealers.
 - **Communication protocol changes:** Identified issues in the existing communication protocol between the client and game server which can impact future transition from XML to Json. Currently developing a library to support both JSON and XML-based serialization protocols, ensuring backward compatibility and enforcing standard way of in-game messaging
- **OLX Autos** Remote
Chapter Lead *Sept 2020–Jan 2024(Team restructuring post acquisition by CarTrade)*
 - **OLX Transactions:** Been part of transformational journey from OLX Classified to OLX Autos business transacting 260k Cars per year spanning acquisition & merging of FCG into OLX Autos. Participated in discussions & shifting FCG tech stack(GCP) into OLX Autos(AWS).
 - **Event bus unification:** Identified limitations in the existing broadcast-based subscription mechanism and collaborated with the team to lead the unification of the event bus across the organization which involved migration from RabbitMQ to Polaris (an internal Kafka-based service) reducing extra events traffic from **3.6M to 600k per minute**.
 - **Operational Excellence:** C4 modeling for architectural clarity, enabling quality gate standards with improved unit and integration test coverage, contract testing. Improved resiliency through the introduction of timeouts, circuit breakers and standardized service-to-service (S2S) authentication mechanisms
 - **Salesforce Integration:** Led the #1 priority project (CoTF) in OLX Autos from the technical side, ensuring integration with Salesforce CRM while maintaining backward compatibility and minimal impact on existing services. Scoped, architected, and drove the project's technical quality by owning RFC creation and contract finalization for 100+ endpoints and events, working collaboratively across teams to ensure successful delivery. Lead system catered to **300k leads per minute** across 8 countries.
- **RateGain** Noida
Manager Engineer *Feb 2019–Sept 2020(Team restructuring due to COVID impact)*
 - **OTA adapters:** Involved in development of multiple components in data processing pipeline which pushed ARI (Availability, Rates, and Inventory) data to OTAs like Booking.com and Agoda etc leveraging Kafka and Kafka Connectors. The system processed incoming data at **150k messages per minute**, aggregating and transforming it before delivering at **4.2k requests per minute** to OTAs.
 - **Performance optimization:** Conducted performance testing using Apache Benchmark and JMeter to identify system bottlenecks. Implemented caching mechanisms to improve response times and system throughput.
 - **Monitoring setup:** Deployed and configured an in-house ELK (Elasticsearch, Logstash, Kibana) stack for monitoring and alerting.
 - **Managing Legacy Systems:** Managed and maintained legacy core projects involving technologies like Glassfish, OpenMQ and SOAP-based applications written in C.
- **Times Internet** Noida
Senior Software Engineer *March 2016–Feb 2019*

- **Handling infra to release:** Launched high-traffic websites including “I Am Gujarat”, “Hindi Filmipop”, and “Hindi Travel”, integrating in-house SSO (Single Sign-On), Comments, and Advertisement modules for better user experience and monetization.
- **XSLT system to Wordpress migration:** Migrated sections of Navbharat Times from a legacy XSLT system to WordPress, developing efficient ingestion scripts to fetch content from multiple feed sources and automate population into the WordPress back panel serving **10M+ readers**.
- **Integrations:** Chrome Notifications, Facebook Like/Comments, Facebook Instant Articles, and Beacon Tracking integration improving user engagement and analytics tracking.

• Naukri

Noida

Software Engineer

May 2014–March 2016

- **Performance Optimization:** Optimized performance of **2K+ career site** applications by implementing read-write database sharding for improved query efficiency, caching remote API response to reduce latency.
- **Dockerization PoC:** Designed and executed a proof of concept (PoC) for Dockerizing career site applications.
- **Feature Development:** Developed user-facing features like “Drop a CV” module, a self-serve project for clients enhancing operational efficiency.

• Amdocs

Pune

Subject Matter Expert

July 2013–March 2014

- **Features:** Staggering of Suspension of Non Paying user accounts, Dispute management suspension flow changes, Extracting data for fraud management system.

HOBBY PROJECTS

- Developed a one-to-one communication platform using WebRTC, enabling real-time conversations and content sharing directly to YouTube, as part of a startup concept.
- Implemented a distributed job scheduling system for Linux systems connected over a LAN, optimizing task allocation and execution.
- Created an English-to-Hindi dictionary application for the Linux GNOME environment

ACHIEVEMENTS

- Led my team at OLX Autos to win a Hackathon by developing a feature that allowed customers to select their preferred contact times, significantly reducing the workload on the contact center.
- Recognized as the “Star Performer” at Times Internet for successfully managing the end-to-end deployment of multiple high-traffic websites