

Nitin Shandilya

Bengaluru

+91 7870528701 nitinbinay734@gmail.com

PROFESSIONAL SUMMARY

Accomplished Technical Lead at Zee Entertainment Enterprises Limited with expertise in microservices, cloud platforms and distributed systems. Proven track record in designing and developing robust backend systems and enhancing customer experience. Strong analytical skills complemented by effective team collaboration, driving significant improvements in system architecture and integration.

SKILLS

- Distributed Systems, Microservices
- Cloud Platforms - AWS, GCP
- Web Frameworks - Spring Boot, Flask
- Databases - Oracle, Postgres, Mongo, Scylla, Cassandra, Redis
- API - REST, gRPC, Swagger, Open API 3.0
- Observability - Splunk, New Relic, Coralogix, ELK
- Messaging Queue - Kafka
- CI/CD - Docker, K8s, GitHub Actions, Terraform, ArgoCD, Jenkins, Maven, Gradle
- Languages - Java, Python

EXPERIENCE

OCTOBER 2021-CURRENT

Technical Lead

Zee Entertainment Enterprises Limited

- Designed and developed core backend systems for Payments, Renewals, Orders, and Subscriptions, enabling processing of over 10 million monthly transactions
- Built and deployed a generic rule engine and a pluggable authentication provider used by 10+ services, reducing duplicated logic and cutting development time by 80%
- Developed communication engine handling 10M+ notifications/month across email, SMS, and in-app channels, with > 99% delivery reliability.
- Integrated 5+ payment gateways and in-app providers with > 99% transaction success rate and idempotent requests
- Architected a multi-tenant onboarding platform, reducing tenant setup time and enabling self-service registration
- Designed a scalable subscription renewals system capable of processing 1M+ renewals/day, with auto-failover and retry logic for reliability.

JANUARY 2020-OCTOBER 2021

Lead Engineer

Solv

- Designed and implemented a bank account verification system using penny drop method, reducing onboarding failures by 90% and ensuring regulatory compliance for KYC during new customer journeys.
- Integrated with multiple banking partners (e.g., SCB, Yes Bank) to enable secure and real-time payments for buyers and sellers via nodal accounts
- Built intracity logistics backend services from the ground up, improving order fulfillment rates by 25% and reducing delivery SLA breaches, leading to a better buyer and seller experience.

- Developed the Solv Score system, a risk profiling tool used by partner banks to assess customer creditworthiness, which contributed to a 20% increase in financing approvals.
- Created and launched a real-time Logistics dashboard, enabling live order tracking and automated MTD summaries, improving operations visibility and reducing manual reporting overhead

AUGUST 2018-JANUARY 2020

Software Developer

Synechron India

- Led development and feature enhancements to the Account Opening System for financial advisors, improving workflow efficiency and reducing onboarding time by 30%
- Automated data extraction from handwritten documents using Machine Learning, Deep Learning, and Python, enabling digitization of legacy customer data with over 85% accuracy, reducing manual effort by 90%
- Engineered core backend modules (Interview, Discussion Details, and Recommendation) for a Recruitment Management System, automating the hiring process and resulting in faster candidate pipeline movement for the client.

APRIL 2016-AUGUST 2018

Associate Consultant

Oracle Financial Services

- Enhancements and maintenance of Oracle Flexcube application for banking institutions
- Worked with banking institutions for integration of Flexcube for the core banking functionality
- Enhancements, code fixes and periodic maintenance in the core banking modules which included Lending, CASA and Fund Transfer

JUNE 2015-FEBRUARY 2016

Associate System Engineer

IBM India

- Worked as an iOS Developer for the lift mapping application
- Worked on the backend component for lift maintenance engineers to display lift position and defects using Swift

EDUCATION

Bachelor of Technology - Computer Science

National Institute of Technology, Patna

CGPA - 7.9

January 2015

Advanced certification in cloud computing

IIT Roorkee