



# NextGen Internet Banking with Digital Factory Partner on AWS

A leading BFSI enterprise collaborated with ITC Infotech as its Digital Factory partner to build a NextGen Internet Banking platform on AWS. By architecting and automating a BFSI blueprint landing zone, designing a highly resilient app for 100 million+ users, and building a DevOps pipeline for 100+ microservices, ITC Infotech ensured near-zero downtime and seamless scalability.

30% Deployment automation efficiency

ITC Infotech is a leading global technology services and solutions provider, led by Business and Technology Consulting. ITC Infotech provides business-friendly solutions to help clients succeed and be future-ready, by seamlessly bringing together digital expertise, strong industry specific alliances and deep domain expertise. The company provides technology solutions and services to enterprises across industries through a combination of traditional and newer business models, as a long-term sustainable partner.



[www.itcinfotech.com](http://www.itcinfotech.com)

## CHALLENGES

- Build a NextGen Internet Banking platform on AWS with near-zero downtime
- Support a target user base of 100 million users
- Ensure scalability to handle 50K concurrent sessions with response time under 5 second
- Achieve higher security, compliance, and operational resilience
- Establish a modern DevOps foundation for microservices at scale

## SERVICES

- Acted as Digital Factory partner to design and implement the NextGen platform on AWS
- Architected, implemented, and automated a BFSI blueprint landing zone
- Designed a resilient application capable of responding in less than 5 seconds for 50K concurrent sessions
- Built and deployed a DevOps / CI-CD pipeline for 100+ microservices
- Enabled near-zero downtime operations with continuous availability

## BENEFITS

- 70% improvement in security and compliance
- Scalable architecture supporting 100 million users
- Faster response time with resilient performance under peak loads
- Seamless deployment and operations across 100+ microservices
- Established a future-ready NextGen internet banking platform