Priyanka Banerjee

Software Developer | 10.5 years experience

CONTACT

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India

ARCHITECTURAL SKILLS

System Design

Microservices

Cloud Migration

TECHNICAL SKILLS

DESIGN-PATTERNS

SOLUTION DESIGN

CLOUD BASED ARCHITECTURES

LOW LEVEL DESIGNS

HIGH LEVEL DESIGNS

DISTRIBUTED SYSTEMS

AZURE

AWS

EDUCATION

• B-Tech – Camellia Institute Of Technology, Madhyamgram (2012 — 2015)
• Diploma – Women's Polytechnic Jodhpur Park (2009 — 2012)
• Higher Secondary – Ariadaha Sarbomongola Balika Vidyalaya (2007 — 2009)
• Secondary School – Ariadaha Sarbomongola Balika Vidyalaya (2005 — 2007)

PROFESSIONAL SUMMARY

Experienced software developer with 10.5 years of expertise in Java, microservices, and cloud technologies. Strong background in system design, enterprise applications, and cloud migrations.

EXPERIENCE

Head Solution Architect - Lloyds Technology Centre (June 2024 - Present)
• Designed and led the migration of on-premise Confluent Kafka clusters to GCP Confluent Cloud ensuring minimal downtime and high data throughput; defined event-driven architecture patterns for scalable messaging; optimized backend microservices supporting mobile applications for better fault tolerance, improved response times, and seamless feature rollouts across distributed systems.

Senior Systems Engineer - Infosys (September 2014 — May 2024)
• Designed and proposed a scalable microservices-based architecture for the next-generation enterprise billing system; led POC development focusing on high availability and performance optimization; defined service boundaries, API contracts, and data migration strategy from legacy monolithic systems.

Senior Systems Engineer - Infosys (September 2014 — May 2024)
• Architected the migration strategy for critical banking applications from on-premise servers to Kubernetes-based public cloud; defined CI/CD pipelines and infrastructure-as-code standards for automated deployments; optimized container orchestration for cost efficiency and ensured compliance with banking security standards.

Senior Systems Engineer - Infosys (September 2014 — May 2024)
• Redesigned the Account Dashboard service into a distributed microservice aligned with domain-driven design principles, improving response times by 40%; standardized service communication patterns (REST + async messaging); introduced caching and database optimization strategies; mentored junior developers on clean architecture and Spring Boot best practices.