

Koushik Ruidas

Solution Architect – Cloud & Distributed Systems

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Education

Indian Institute of Engineering Science and Technology, Shibpur

Bachelor of Engineering (B.E.) in Information Technology 2012 – 2016

A Zone Boys High School, Durgapur

West Bengal Board of Higher Secondary Examination (Class XII) 2009 – 2011

B Zone Boys High School, Durgapur

West Bengal Board of Secondary Examination (Class X) 2008 – 2009

Skills

Strengths: Cloud Architecture, Microservices, Security, DevOps, Leadership

Proficient in: Java, Spring Boot, Spring Cloud, Spring Security, Docker, AWS, Kafka, SQL

Industry Experience

Cognizant — Engineering Manager

Kolkata, India (2023 – Present)

Technologies: AWS, Microservices, Spring Boot, OAuth2, Docker

- Leading migration of a mainframe system to a Java Spring Boot–Angular microservices platform (FIS client).
- Designed scalable cloud-native architecture and CI/CD pipelines ensuring deployment automation.
- Managing cross-functional backend, frontend, and BA teams to deliver enterprise-grade systems.
- Driving client communication and stakeholder management through regular demos and reports.
- Mentoring developers on distributed system design, performance tuning, and best practices.

PwC — Senior Associate

Kolkata, India (2021 – 2022)

Technologies: Spring Boot, JPA, Hibernate, Eureka, Hystrix, JWT

- Led 6-member team to deliver MDM module for the SAMAST power scheduling system.
- Built secure microservices ecosystem with API Gateway, JWT auth, and fault tolerance using Hystrix.
- Designed and optimized meter data ingestion and energy analytics reporting modules.
- Collaborated with business teams for requirement clarification and functional testing.

Accenture — Senior Software Engineer

Bangalore, India (2016 – 2021)

Technologies: Java, Spring Boot, AWS, Kafka, FIX Protocol

- Developed FIX client integrating ICE exchange deals into Shell's record systems.
- Built real-time deal streaming pipelines using Kafka for low-latency updates.
- Supported multiple internal tools (MAST, MPS, CCM) for monitoring, message processing, and contract confirmation.