

SOUMEN KARMAKAR

Java Developer  Solution Architect  Azure & GCP Cloud  Microservices 
Kubernetes

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PROFILE

Result-oriented and highly skilled **Senior Java Developer and Solution Architect** with over **13 years of experience** in designing and implementing robust and scalable enterprise-level software solutions. With a solid **background in onsite locations** and customer-facing roles, brings firsthand understanding of client needs and preferences to tailor solutions effectively. Proven expertise in **architecting end-to-end open source based applications**, optimizing system performance, and ensuring seamless integration with existing IT infrastructure. Adept at leading cross-functional teams and collaborating with stakeholders to align technology solutions with business goals. Strong analytical and problem-solving skills coupled with a deep understanding of industry best practices. Committed to staying abreast of emerging technologies and trends to drive continuous innovation.

SKILLS

Backend

Java 21, Kotlin, NodeJS, Python

Framework

Spring Boot, Spring Data, Spring Web services, Spring integration, Spring Batch, Spring Security, Apache Camel, Reactive Spring, Spring cloud stream, ExpressJS, Flask, FastAPI, RSocket, Netty

Architecture

Micro-services, Event Driven, Cloud, Moulder monolith, Serverless, REST

Databases/Cache

PostgreSQL, Oracle, MySQL, MongoDB, Casandra, Redis, Hazelcast, Apache ignite, Memcached

DevOps / Tools

Git, Jenkins, Sonar, JIRA, Docker, kubernetes, Ansible, ELK, Grafana, Azure Devops

Frontend

React, Angular, JQuery, Bootstrap

Messaging

Kafka, RabbitMQ, Azure Event hubs, JMS, Google PUB/SUB

Cloud

Microsoft Azure, Google Cloud Platform






Development Methodologies

Agile (Scrum, kanban, TDD/BDD), DevOps, Waterfall

Domain knowledge

Smart metering, Telecommunications, Insurance

PROFESSIONAL EXPERIENCE

Ericsson Limited , <i>Solution Architect</i> 	Oct 2021 – present Reading, UK
Ericsson Limited , <i>Senior Software Developer</i> 	Nov 2019 – Oct 2021 Reading, UK
Ericsson India Global Services , <i>Senior Solution Integrator</i> 	Sep 2017 – Nov 2019 Kolkata, India
Cognizant Technologies Solutions , <i>Senior Developer</i> 	Aug 2014 – Sep 2017 Kolkata, India
Infosys Limited , <i>Senior Systems Engineer</i> 	Sep 2011 – Aug 2014 Bangalore, India

CURRENT ROLE

Roles and Responsibilities includes -

Strategic Planning:

- Develop and implement strategic technology plans in line with business objectives.
- Collaborate with key stakeholders, understand business goals, and provide technology recommendations.

Solution Design:

- Lead the design and architecture of solutions, ensuring scalability, reliability, and performance.
- Create detailed technical specifications and documentation for implementation teams.

Technology Evaluation:

- Evaluate emerging technologies and assess their potential impact on current and future solutions.
- Conduct proof-of-concept studies to validate technology choices.

Team Leadership:

- Provide technical leadership and mentorship to a team of architects and developers.
- Cultivate a collaborative and innovative work environment.

Stakeholder Communication:

- Effectively communicate technical concepts to stakeholders.
- Collaborate with business leaders, project managers, and development teams to align technology solutions with business goals.

Risk Management:

- Identify and mitigate technical risks associated with solution implementation.
- Develop contingency plans for potential issues.

Performance Optimization:


- Monitor and optimize the performance of existing solutions.
- Implement strategies for scalability and resource optimization.

EDUCATION

West Bengal University Of Technology, *Bachelor of Technology*
- GPA - 8.2

2011
Kolkata, India

CERTIFICATES

Software Design and Architecture 
University of Alberta

Kotlin for Java Developers 
Jetbrains

AZ 900 -Azure Fundamentals 
Microsoft

Google Cloud fundamentals 
Google

Machine Learning Introduction 
University of London

**Microsoft Certified HTML5, JavaScript 2
& CSS 3 Developer** 
Microsoft

**Architecting with Google Kubernetes
Engine** 
Google