



kaushik kumar

Date of birth: 25/04/1992 | **Nationality:** Indian | **Phone number:**

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<https://www.linkedin.com/in/kaushik-kumar-sinha-b6bb1b9a/> | **GitHub:**

<https://github.com/kaushikkumar121292> | **Skype:** 9555554361 |

Address: NEW GODOWN JHEELGANJ, BILSI DEVI PATH, NEAR DR SUDHIR
MONHAN KANTH, BILSI DEVI PATH, 823001, Gaya, India (Work)

ABOUT ME

Versatile and Driven Java Developer with over 7+ years of expertise in API/Technologies, Cloud Solutions, and Big Data Processing. I have a proven track record in Java 8, Microservice Architecture, and Continuous Integration and Delivery. As a Java Tech Lead, I successfully led a project within a 6-month timeframe, showcasing effective leadership and project management skills.

In addition to my core Java skills, I have a unique proficiency in prompt engineering, harnessing technologies like ChatGPT to enhance communication and streamline workflows. This strategic use of ChatGPT demonstrates my commitment to staying at the forefront of innovative solutions.

My hands-on experience extends to a variety of technologies, including MongoDB, Kafka, Docker, and AWS services such as EC2, RDS, and IoT Core. Passionate about cutting-edge tech, I specialize in Message Queue technologies like MQTT and Event-Driven Architecture. Proficient in Test-Driven Development (TDD) and a strong grasp of NoSQL databases, including MongoDB.

I also bring 1 year of expertise in AI and machine learning projects using TensorFlow, particularly in share market and option trading applications. This adds another dimension to my skill set, enabling me to leverage data-driven insights for optimized decision-making and automation.

As a leader, I bring a solid foundation in Design Patterns and SD Principles, including Factory Design Patterns, Singleton, and MVC Design Patterns. Well-versed in Agile Methodology, including Scrum and Kanban, I foster effective collaboration in fast-paced environments. I ensure streamlined and efficient development workflows by utilizing industry-standard tools such as JIRA, GitHub, Jenkins, and Postman. Leveraging my experience as a Java Tech Lead, proficiency in AI and machine learning with TensorFlow, and expertise in prompt engineering with ChatGPT, I am committed to driving innovation and excellence in software development.

WORK EXPERIENCE

09/01/2023 – 27/11/2023 Bangalore, India

SENIOR SOFTWARE DEVELOPER SIMPLIFY3X

TECHNOLOGIES:

Java, quarkus framework, Hibernate, AWS, Tomcat server, MySQL, RDP, Eclipse, Maven, Swagger UI, X-admin, X-center, Oracle SQL Developer, MSSql

RESPONSIBILITIES & KEY ACHIEVEMENTS:

- Played a pivotal role in the complete product development life cycle, showcasing proficiency from initial planning to successful deployment.
- Implemented innovative microservices solutions and orchestrated deployment strategies on AWS cloud infrastructure.
- Demonstrated lateral thinking in anticipating and proactively addressing future challenges, leading to effective problem-solving solutions.
- Automated unit, service, and system tests using Mockito and JUnit, contributing to the robustness of the software.
- Developed services and maintained ownership throughout the Continuous Deployment lifecycle, ensuring seamless functionality.

- Engaged in the design of software architecture, utilizing a strategic approach to technology selection for optimal project delivery.
- Actively participated in Agile processes, emphasizing collaboration, adaptability, and iterative development methodologies.
- Cultivated strong professional networks with internal and external experts, fostering effective communication channels.
- Upheld the principles of agile software development, consistently delivering high-quality code and solutions.
- Proficiently coded RestAPIs in Java, showcasing a commitment to long-term coding practices.
- Possesses a strong command of frameworks and tools such as Spring, Hibernate, and various databases, including SQL, NoSQL, and MongoDB.
- Applied expertise in Kibana and Grafana for effective monitoring and visualization of system performance.
- Implemented event-driven architectures and asynchronous messaging concepts, notably with Kafka, within microservices frameworks.
- Effectively communicated with diverse teams in the English language, both verbally and in written form.
- Recognized as a collaborative team player and a creative thinker, contributing positively to project outcomes.
- Provide technical leadership, guide the development team, and ensure the successful delivery of Java-based projects.
- Code reviews, architectural planning, and ensuring adherence to coding standards.
- Team coordination, resolving technical challenges, and staying updated on Java technologies and best practices.

30/03/2021 – 06/01/2023 Glasgow, United Kingdom

SENIOR SOFTWARE ENGINEER MPHASIS

TECHNOLOGIES:

Java EE, Spring boot, Hibernate, MySQL, Oracle DB, Oracle Xstore, AWS (Elastic Beanstalk, RDS, S3 bucket, Route 53, Cloudfront, Certificate manager, IoT core), JSON & XML, Restful API, Microservices, Feign Client, Mockito, JUnit 5, SonarQube, Jira, Confluence, Git, GitHub Debugging, Maven build tool, Swagger, TeamCity.

RESPONSIBILITIES:

- Taken part in complete product development from planning to deployment
- Implemented microservices and deployed to multiple EC2 instances on the AWS cloud
- Involved Lateral thinking about future problems and implemented solutions accordingly
- Automated unit, service, and system tests by Mockito and JUnit
- Developed services and deployed in the Continuous Deployment tool
- and maintained the services with complete ownership
- Involved in the design of the software architecture and the selection of the best technologies to deliver it
- Actively participated in agile processes
- Created strong networking with internal and external experts

Business or Sector Financial and insurance activities | **Department** Trade Finance System |

Website <https://www.mphasis.com>

06/09/2020 – 25/02/2021 Bangalore, India

SENIOR TECHNICAL CONSULTANT (*PAYROLL COMPANY: ACS GLOBAL TECH SOLUTION) DELOITTE USI

TECHNOLOGIES:

Java EE, Spring boot, Hibernate, MySQL, Oracle DB, Oracle Xstore, AWS (Elastic Beanstalk, RDS, S3 bucket, Route 53, Cloudfront, Certificate manager, IoT core), JSON & XML, Restful API, Microservices, Feign Client, Mockito, JUnit 5, SonarQube, Jira, Confluence, Git, GitHub Debugging, Maven build tool, Swagger, TeamCity.

RESPONSIBILITIES:

- Collaborated with multiple teams to understand business functionality and implemented the best programming practices.
- Witten clean code to make applications highly loosely coupled, follow SOLID principles, done peer's code reviews, and written white-box tests.
- Extensively contributed to the design and development of Microservices.

- Followed Domain Driver Design (DDD), Event-Driven Architecture, Stream processing.
- Planned, developed, and implemented a highly scalable backed system using Spring, Kafka, NoSQL.
- Integrated Git to continuous deployment (CI/CD) using AWS.

Business or Sector Other service activities | **Department** Retail Merchandising System (RMS) |

Website <https://www2.deloitte.com>

24/02/2019 – 30/07/2020 Bangalore, India

SERVICE ANALYST OLR RETAIL

TECHNOLOGIES:

Java, Spring boot, Hibernate, AWS, Tomcat server, MySQL, RDP, Eclipse, Maven, Swagger UI, X-admin, X-center, Oracle SQL Developer, MSSql

RESPONSIBILITIES:

- Taken part in complete product development from planning to deployment
- Implemented microservices and deployed to multiple EC2 instances on AWS cloud
- Involved Lateral thinking about future problems and implemented solutions accordingly
- Automated unit, service, and system tests by mockito and JUnit
- Developed services and deployed in Continuous Deployment tool and maintained the services with complete ownership
- Involved in the design of the software architecture and the selection of the best technologies to deliver it
- Actively participated in agile processes
- Created strong networking with internal and external experts
- Followed principle of agile software development methods
- Coded RestAPI on a long-term basis in Java
- Strong grip over frameworks and tools like Spring, Hibernate, databases (SQL, NoSQL, MongoDB), Kibana, Grafana
- Implemented event-driven architectures with microservice architectures
- Implemented asynchronous messaging concepts (Kafka) with microservice architectures
- Communicated with multiple teams mostly in the English language, both verbal and written
- Recognized as a team player and creative thinker

Business or Sector Other service activities | **Department** X-store (Retail & E-commerce System) |

Website <https://www.olrretail.com>

04/01/2016 – 18/02/2019 Bangalore, India

SOFTWARE ENGINEER 3AG NETWORK SOLUTION PVT LTD

TECHNOLOGIES:

Java, Spring boot, Hibernate, AWS, Tomcat server, MySQL, RDP, Eclipse, Maven, Swagger UI

RESPONSIBILITIES:

- Followed principle of agile software development methods
- Coded RestAPI on a long-term basis in Java
- Strong grip over frameworks and tools like Spring, Hibernate, databases (SQL, NoSQL, MongoDB), Kibana, Grafana
- Implemented event-driven architectures with microservice architectures
- Implemented asynchronous messaging concepts (Kafka) with microservice architectures
- Communicated with multiple teams mostly in the English language, both verbal and written
- Recognized as a team player and creative thinker

Business or Sector Other service activities | **Department** Telecommunication Software Services |

Website <https://www.3agns.com>

DIGITAL SKILLS

API/Technologies

Java 8 | Keras / Tensorflow framework - Beginner | Big Data Processing Technologies(Mongo DB, Kafka) | Microservice architecture | Continuous integration and continuous delivery | Cloud - AWS |

SonarQube | SMTP protocol | Event Driven Architecture | IOT with AWS cloud | AWS cloud practitioner | Message Queue technology (MQTT) | Kafka Streams | Test driven development (TDD) | NoSQL (MongoDB) | Docker | Spring Boot, Hibernate/JPA, Quarkus

Framework

Spring(Spring Boot, Spring Restful/MVC, Spring Data JPA, Spring Security) | Web Testing Framework (Selenium) | Junit (Mockito) | Open API (Swagger)

Cloud

AWS(EC2, Elastic Beanstalk, Route 53, Amazon CloudFront, S3, CodeDeploy, Bucket, IAM, IoT Core,) | AWS(RDS)

Web/App Server

apache tomcat

DBMS

Database: SQL, Oracle | SQL (MySQL) | MongoDB | Microsoft SQL

Design Pattern/SD Principles

Factory Design Pattern | Singleton | Builder | MVC Design pattern

Programming Language

Java | SQL | JSON,XML

Version Control Tool

Github | BitBucket

SD Models

AGILE methodology | Scrum | Iterative Development

Tools & CI/CD

Postman | Maven | TeamCity (JetBrains) | code deploy | AWS Codepipeline | JENKINS

OS/Environment

Mac-OS | Windows

Issue Tracking/Bug Tracking/Agile Project Management Tool

Jira

Productivity Optimization Technologies

ChatGPT | Prompt Engineering

● EDUCATION AND TRAINING

04/09/2011 – 08/09/2015 Greater Noida, India

BACHELOR IN TECHNOLOGY (EEE) GL Bajaj Institute Of Technology And Management

Address Plot No, 2, APJ Abdul Kalam Rd, Knowledge Park III, 201306, Greater Noida, India |

Website <https://www.glbitm.org/>

03/04/2007 – 03/04/2009 Gaya, India

HIGHER SECONDARY SCHOOL CERTIFICATE Anugrah Memorial College

Address A.M. College, Gaya, Katari Hill Rd, Ashok Nagar, 823001, Gaya, India |

Website <https://www.amcollegegaya.ac.in/>

04/05/2006 – 04/05/2007 GAYA, India

MATRICULATION SAHEED HIGH SCHOOL (BSEB)

Address SAHEED HIGH SCHOOL, Tutwari, near gangs mahal, 823001, GAYA, India |

Website <http://biharboardonline.bihar.gov.in/>

05/05/2009 – 08/05/2011 GAYA, India

FREELANCE PHYSICS AND MATHEMATICS TUTOR

Address NEW GODOWN JHEELGANJ, BILSI DEVI PATH, 823001, GAYA, India

● LANGUAGE SKILLS

Mother tongue(s): **HINDI**

Other language(s):

	UNDERSTANDING		SPEAKING		WRITING
	Listening	Reading	Spoken production	Spoken interaction	
ENGLISH	C2	C2	C2	C2	C2

Levels: A1 and A2: Basic user; B1 and B2: Independent user; C1 and C2: Proficient user