

# SAGNIK DAS

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## Summary

Seasoned Senior Java Developer with 10 years of experience in developing, customizing, and upgrading backend software, including monoliths and microservices, for leading companies like IBM ISDL, HCL Software, and Edgeverve Systems. Proven expertise in cross-functional collaboration and leading backend teams of over a dozen members. Strong foundation in Data Structures and Algorithms, with exceptional problem-solving skills.

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## Skills & Tools

**Languages:** Java 8 & 11, Knowledge of Kotlin

**Frameworks:** Spring Boot, Spring JPA

**Web Services:** RESTful Webservices, SOAP, gRPC (protobufs)

**Databases:** MySQL, MongoDB

**DevOps and CI/CD:** Jenkins, Git, Docker, Kubernetes

**Messaging:** Apache Kafka

**Monitoring and Logging:** Zipkin, Logstash, Prometheus

**Project Management:** Jira, Jupitr, EWM, HP ALM

**Cloud Platforms:** AWS – EC2, Lambda, RDS, S3 modules

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## Experience & Projects

IBM (India Systems Development Lab division) – July 2022 to Present

**Lead Software Engineer (Band 7B)**

- Working on upgradation of various modules from Java 8 to Kotlin. Working on interfacing between Java and Kotlin code to work in parallel.
- Involving in strategy discussions on aspects involving people management, soft communication to teams and time management for smooth delivery of modules.
- Customization of existing legacy proxy services and port the services to gRPC services.
- Leading design (LLD & HLD) discussions with cross functional teams across geography and making calculated decisions for the fast delivery of services to production.
- Conduct regular code jam sessions to enhance the coding standards and code review processes across squads.
- Working on core customization of a metrics dashboard that caters to our customers involving intercommunication of services and monitoring.

- Actively interviewing mid senior candidates of different product teams at IBM, for backfilling hiring tickets.
- Mentoring fresh team members to bring them up to speed with our code case and various IBM processes.

## HCL Software (Products & Platforms division) – Sept 2019 to June 2022

### Senior Software Engineer

- Working on customization and development of multiple microservices for the payroll module as a part of internal projects team.
- Working in the migration of legacy services (monolith architecture) to microservices services
- Actively mentoring new joiners and participating in technical interviews as a part of the team expansion and backfill activities.

## Edgeverve Systems Pvt. Ltd. – Sept 2016 to Aug 2019

### Senior Systems Engineer

- Designed and developed SOAP webservice between various modules in the Internet Banking Platform at Arab National Bank, Riyadh (Saudi Arabia) [Client facing role, for product deployment at onsite]
- Customized and implemented the business logic for the Bulk Salary Upload module of the Internet banking platform at I&M Bank, Nairobi, Kenya. [Client facing role, for product deployment at onsite]
- Worked on developing and deploying JRXML/Jasper reports from real-time customer data.
- Refactoring and customizations on the Accounts and Beneficiary Management modules of ICICI Bank, UK.

## IBM India Pvt. Ltd. (IBM Consulting) – April 2014 to March 2016

### Application Developer

- Worked on JUnit tests for the Data transmission mapping modules for Insurance ERP product.
- Designed and presented an idea which was approved to be delivered with our ERP solution mobile offerings.
- Worked on unit tests and code coverage.

## Education

- Jawaharlal Nehru Technological University, Hyderabad (B. Tech - ECE) 2012
- Indian School Certificate (ISC) - 2008
- Indian Certificate of Secondary Education (ICSE) – 2006