

Satyam Wakekar

Software Development Professional



satyamwakekar



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EXPERIENCE

HSBC SOFTWARE DEVELOPMENT INDIA | DEVELOPMENT CONSULTANT SPECIALIST

Aug 2021 – Current | Pune, India

- Spearheaded the development of a scalable distributed system in the Investment Banking domain.
- Managed critical operational tasks and applications used by 10,000 and above back office users, concurrently and provided on-demand support.
- Collaborated with SMEs of cross-functional teams across 8 locations to design and architect scalable micro services solutions comprising of 400+ services.
- Utilized DevOps practices, agile principles, and Jenkins to enable continuous integration and deployment, resulting in a 40% reduction in production time.
- Enhanced system performance by fine-tuning database queries and optimizing resource utilization by implementing the performance monitoring dashboards on Grafana.
- Developed and deployed fully scalable micro services monitoring system using InfluxDb, Grafana and Spring boot actuator framework

BLUECONCH TECHNOLOGIES – A UST COMPANY | SENIOR SOFTWARE ENGINEER

July 2019 – Aug 2021 | Pune, India

- Collaborated with global retail industry leaders to streamline and automate complex supply chain processes in OMS, WMS, Inventory snapshot systems, Simulators for commanding auto picking robotic working dark store & mobile app for manual packing and shipping products to customers from distribution centers, eliminating manual tasks and saving both time and human effort by 100%.
- Successfully improved system response time by 58%, enhancing overall application performance.
- Worked closely with 50+ business analysts and users to translate requirements into technical solutions.

THINKING HUT IT SOLUTIONS, PUNE | SOFTWARE ENGINEER

July 2018 – July 2019 | Pune, India

- Contributed to the development of an IoT-based product using a distributed system based on Spring Boot micro services architecture.
- Implemented a data caching mechanism, resulting in a 25% reduction in database query response time.

LEOROC TECHNOLOGY PVT. LTD. | SOFTWARE ENGINEER

Dec 2017 – June 2018 | Pune, India

- Contributed in the entire life cycle of a Machine Learning-based IoT product using micro services architecture.
- Facilitated the optimization of data retrieval processes, achieving a 30% increase in data retrieval speed.

IBM INDIA PVT. LTD. | SOFTWARE ENGINEER

Aug 2016 – Sep 2017 | Pune, India

- Gained expertise in 5 platforms and technologies, including API Management, ESB, and AWS tools.
- Implemented 50+ solutions and unit tests to deliver requirements/stories based on defined acceptance criteria and compliance requirements.

SKILLS

PROGRAMMING

Java 17 • Python 3.x

LIBRARIES/Frameworks

Spring boot 3.x • Hibernate
• Spring Data • Spring Security • Flask • Django • Rest Api
• Pandas • Numpy, • SciPy • Seaborn • Matplotlib

DATABASES

Postgres • MongoDB • MySQL
• SQL Server • Oracle

CLOUD

GCP (GKE, Cloud Functions, Big Query, PubSub) • AWS (EC2, Lambda, SQS, SES, S3, DynamoDB)

VISUALIZATION TOOLS

Tableau • Apache Superset

MQ

Apache Kafka • MQTT • IBM MQ • ActiveMQ

DEVOPS TOOLS

Git • Jenkins • Docker • Kubernetes • Ansible

EDUCATION

B.E. (ELECTRONICS & TELECOMMUNICATION)

G. H. RAISONI COLLEGE OF ENGINEERING (AUTONOMOUS), NAGPUR

Jun 2012 - June 2016

Cum. GPA: 8.98 / 10.0

ACHIEVEMENTS

2023	Pioneer of Quarter (HSBC)
2022	Hackathon winner
2020	Employee of the quarter

PROJECTS

CCR IMM CONTROLS INDUSTRIALIZATION (HSBC) | JAVA 17, SPRING BOOT, MICRO-SERVICES, DOCKER, ANSIBLE, GCP (GKE, BIG QUERY, PUBSUB), POSTGRES, TABLEAU, APACHE SUPERSET

- The purpose of this project is to industrialize the CCR IMM controls (MPOR, MTM Variance, DM Code, BVAL Scores, etc.) and completely automate computation of breaks and non-break exceptions along of the report delivery.
- Involved in Requirement gathering, design, estimation, development of technical specifications.
- Unit testing the coded features using Junit5 and Mockito frameworks.
- Transformed flows with low performance, optimizing workflows by 29%.
- Orchestrated service deployment, reducing deployment time by 25%.
- Communicated with SMEs of multi-disciplined team, across 20 locations and 5 time zones.

COSMOS (ORDER MANAGEMENT SYSTEM) | JAVA 8, SPRING BOOT, MICRO-SERVICES, MICROSOFT AZURE, SQL SERVER, ACTIVE MQ, IBM MQ, WEBLOGIC

- Engineered a micro-service-driven order management system, achieving a 30% improvement in order processing efficiency.
- Achieved a 25% improvement in system response time and reduced the costs of infra by 67%.

DATA ANALYSIS AND IOT FRAMEWORK DEVELOPMENT | SPRING BOOT, MICRO SERVICES, AWS, MICROSOFT AZURE, HADOOP, SPARK, HIVE, OOZIE, ANSIBLE, DOCKER, MONGODB, APACHE KAFKA, SERVERLESS DESIGNS

- Pioneered a cutting-edge micro-service ecosystem, delivering data-driven predictive insights and resolving complex business challenges. Achieved a 30% reduction in data latency compared to the previous system.
- Engineered an innovative IoT-based back-end, seamlessly integrating hardware data with cloud servers. Delivered data-driven predictive insights that led to a 20% reduction in system downtime.

LR DRIVE | JAVA, SPRING BOOT, MYSQL, MQTT, APACHE KAFKA, PYTHON, AWS

- Revolutionized driving support with an AI-infused IoT platform, setting new industry standards.
- Steered the development of a server-side de-centralised system using Spring Boot and Hibernate. Pioneered predictive modelling algorithms and seamlessly interfaced them with the web application.