Mousam Saikia

Oracle Certified Java Professional| Cloud & Microservices Specialist

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Experience Summary:

- Having almost 7 years of significant experience in Java backend, Multi-Cloud, DevOps based solution in product development role and Engineered Product like **INDIA POST**, **HSBC Cross Broder Payment**, **CITI BANK**, **Ups** etc.

- **BFSI** Domain Specialist, proficient in **Cross-Border Cross-Currency Payments, SWIFT Payments, and ISO 20022 standards**.

- Skilled in **Agile methodologies (SCRUM)** with strong communication, leadership, organizational, and team collaboration skills, coupled with a passion for continuous learning and technology innovation.

- Hands-on expertise in Java-based application development, leveraging **Spring Boot, Spring Cloud, Microservices, REST & SOAP Web Services, JPA & Hibernate**, and cloud platforms like **AWS, GCP, and Azure**.

- Architected scalable **Microservices** applications integrating technologies such as **Spring Cloud, Zookeeper, Resilience4j, Netflix Eureka, Kafka (Apache and Confluence), Feign, Ribbon, and MQ** etc.

- Engineered **Spring Batch** processing for parallel and asynchronous data processing, including **Job, Step, and Job Repository implementations**.

- **Cloud Infrastructure & AWS Expertise**:
  - Provisioning **EC2 instances**, designing **VPCs, subnets, internet gateways, route tables, NAT gateways, Elastic IPs, and bastion hosts**.
  - Configuring **Linux servers, ELB, security groups, RDS, IAM, S3, and CloudFront** for optimized performance.

- **DevOps, Platform Engineering and Automation Expertise**:
  - Extensive experience with **Jenkins, Docker, Kubernetes, Cisco AppDynamics, Hazelcast, Istio, Service Mesh, Grafana, Ansible, and Rocks DB**.
  - Designed and onboarded **Platform Engineering solutions** across global infrastructures, including **Americas, Taiwan, Qatar,** etc.

- End-to-End SDLC Management, using tools like **Git, Jira, Confluence, OpenShift, Kibana, SonarQube, Bitbucket, Ant, Maven, JUnit with Easy Mock, Log4j, Redmine, SoapUI, and Postman**

- Developed **SOAP services using JAX-WS (Apache CXF, Axis2)** with **WS-Security policy implementations**.

- Strong proficiency in **JAXP, JAXB, DOM, SAX, XML/XSD, DTD**, including **unmarshalling/marshalling** and SOAP **protocol integration with JAX-WS and RESTful Web Services**

- Efficient Programming skills and adopt best practices using **GOF & J2EE** Design Patterns.

Work Experience:

CAPGEMINI TECHNOLOGY	Consultant in **Capgemini Technology** from Dec 2023 to till Date.
TATA CONSULTANCY LIMITED	SSE in **Tata Consultancy Limited (TCS)** from Dec 2021 to Nov 2023.
L&T Infotech	Senior Software Engineer in **L&T InfoTech** from May 2020 to Dec 2021
INFOSYS	Senior Software Engineer in **Infosys** India, May 2018-April 2020.

Educational Qualification:

Education	B. Tech in **Computer Science and Engineering** from AVIT, Chennai (2015).

Projects:

Project Name 1	HSBC -CBPR+	Team Size	9	
Start Date	DEC-2023	End Date	Till Date	
Client:	HSBC			
Project Description	HSBC CBPR+ (Cross-Border Cross-Currency Payment Regulation) - is architected using a resilient and scalable **Microservices** based architecture integrated with **SWIF Payment** and **ISO20022** standards which efficiently **handling around 59+ country's Cross Broder Cross Currency Payment.**			
Role & Contribution	• Engineered multiple enterprise-level **microservice** applications for Payment Orchestration Group, driving $35.3 billion of revenue every year using the latest technologies of **JAVA 17, Spring Boot, Microservices, Cloud-AWS, GCP, SWIFT payments (MT/MX), ISO20022/PAIN type** • Implemented various Microservice with various components like **Spring Microservice, Spring Cloud, Netflix Eureka, Resilience4j, Kafka, Feign, Zuul, MQ,** etc. • Implemented robust **security protocols** within the application, including multi-layer **Authentication and authorization, SSL-based security, rate limiting, and barrier token** mechanisms etc. • Defining Various **rule** in the application and, based on the rule **payment engineering HUB, SWIFT Alliance Gateway (SAG) / Alliance Messaging Hub (AMH)** initiated the payment across globe. • **Platform Engineering** with Onboard various infrastructure **PPD, PROD LIKE, PROD** for Americas, Tiwan, Qatar and more then to 100 countries • Involved in **Client interaction** regular basic for understand the Business Requirement.			
Technology & Tools	**JAVA 17, Spring Boot, Microservice, RESTFUL & GRPC, Spring Batch, JPA,** Swift Payment, **ISO 20022 Oracle, GCP, Bitbucket, GIT, MAVEN, Resilience4j, Docker, Kubernetes, Istio, Grafana, Rock DB**			

Project Name 2	ECS Moderations	Team Size	7	
Start Date	DEC-2021	End Date	DEC-2023	
Client:	**UPS- United Parcel Service**			
Project Description	**United Parcel Service** (UPS)- is an American multinational shipping, receiving, and supply chain management company founded in 1907. In the ECS Moderation project, we provide high-end computable design and solutions where we handle 30 million transition requests per hour and also, and we develop and deliver multiple Java-based microservices architectural solutions using GCP/Docker/Kubernetes platform and Cassandra through using CI/CD pipeline			
Role & Contribution	• Develop full-phase **microservices u**sing **Docker, and Kubernetes in the GCP** platform • Managed 30 million transaction requests per hour while developing and delivering multiple **Java-based microservices** solutions on **GCP, utilizing Docker, Kubernetes, and Cassandra** through a CI/CD pipeline**, increasing global revenue by 23%** in the first quarter • Involved in Analysis, Design, and develop various futuristic designs like **auto-scaling, load balancing, containerization,** etc. • Implementing **CI/CD** pipeline using **Jenkins, Docker, and Kubernetes** and deploying GCP. • Develop various **Security** features like **JWT Tokens, Authentication / Authorization, Rate limiting, multi-phase** and barrier token Base Authentication of the application and implementing various login/Tracing mechanism of the application •			
Technology & Tools	**Java 1.8, Spring Microservice with Spring Boot, Spring Batch, Spring Rest, Spring JDBC, JPA, Oracle, GCP, Bitbucket, Git, Maven, Jenkins, Docker, Kubernetes etc**.			

Project Name 3	Technology Risk Scorecard	Team Size	6	
Start Date	May-2020	End Date	Sep-2021	
Client:	CITI BANK USA			
Project Description	The **technology risk Scorecard** intergraded risk and Control information from various data sources and applied a defined methodology to automatically rate the **inherent risk, control effectiveness**, and **residual risk of Citi's production application** in **Citi System inventory (CSI)**. where multiple applications support a common MCA process instance the application-level ratings are aggregated to **determine a technology risk rating** for the business process. Results will be **published every month**.			
	• Engineered a **Spring Batch** processing solution utilizing TASKLET, JOB, and STEP configurations, achieving a **150% improvement** in data throughput and implementing asynchronous processes for enhanced parallel data handling. • Developed full-phase **Spring Boot & Microservice** architecture Application. • Implementing various batch processing using **Spring Batch**. • Implementing various **reports** for business processing. • Working with various layers of applications like **Controller, DAO, Service, and UI**.			
Technology & Tools	**Java 1.8, Spring Microservice with Spring Boot, Spring Batch, Spring Rest, Spring JDBC, JPA, Oracle, DevOps- AWS, Bitbucket, Git, Jenkins, Docket, Maven, etc.**			

Project Name 4	India Post (Government of India, Department of Post)	Team Size	12+	
Start Date	May-2018	End Date	April-2020	
Client:	GOVT OF INDIA			
Project Description	With the implementation of the **RICT solution**, India Post would reach **150000+ offices** across India. With around **35 million policies** and **450000 agents in across India**, it is one of **the largest transformations Govt of India**.			
Role & Contribution	• Successfully implemented the RICT solution in over **150,000+ offices** across India, supporting over **35 million policies and 450,000 agents nationwide**. • **Analysis, Design, Coding, Modification**, and Implementation of user requirements for a complex application, ensuring a seamless user experience. • Implemented Controller Classes to expose web services using the **Spring Framework**, enhancing service efficiency. • Developed and deployed **JAX-RS RESTful (JERSEY)** web services to streamline request processing. • Integrated Spring Framework with **RESTful** services and **hibernate**, ensuring robust back-end functionality. • Created custom User-Defined **Exceptions** for efficient handling of requests and responses, improving system reliability.			
Technology & Tools	**Java1.8, Spring, Microservices, Hibernate JAX-RS-2.0(JERSEY), Jboss 7.1, Oracle, Design Patterns, JSP, SVN, Log4J, Eclipse JEE and Tomcat, Maven, JUNIT4 with Easy Mock**			

ACHIEVEMENTS

- ORACEL JAVA 8 ASSOCIATED CERTIFIED. ☐
- GENERATIVE AI/ML CERTIFIED. ☐
- Most Valuable Professional awarded by Tata Consultancy Services. ☐
- GOOGLE CLOUD CERTIFIED ☐
- MICROSERVICES CERTIFIED. ☐

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