**Abhishek Goswami**

**NYC, NY 11102**

**Summary**

**Results-oriented engineer with over 13+ years of experience in e-commerce applications, software engineering, and project management.** Proven track record of leading teams to deliver innovative solutions and driving technology initiatives end-to-end. Skilled in architecting and developing systems-level software and building highly scalable solutions. Strong communicator with a focus on fostering collaboration and driving continuous improvement.

**Skill Summary**

**Software Development**

* Architected and developed high-throughput, low-latency cloud-native applications in distributed systems using microservices (**Java/Spring Boot, Kafka**).
* Proficient in **Java/J2EE, Groovy, Python, and JavaScript with expertise in object-oriented design (OOD), service-oriented architecture (SOA), and Test-Driven Development (TDD) principles.**
* Adept at designing and implementing payment solutions, including payment gateways, fraud, and tax integration.
* Excellent knowledge on Spring core such as dependency injections, annotations and XML.
* Extensively worked on Spring JDBC, Spring Hibernate ORM and JPA.
* Expertise in **developing and scaling APIs and web services using REST/SOAP, JSON/XML, Kafka, Active/IBM MQ, and Tibco.**
* Experience in Data migration from DB2 to Apache Cassandra DB and involved in major and minor up gradation of Couch base and Cassandra cluster.
* Expertise in **Client-side scripting with AngularJS, Bootstrap and AJAX Extensions and Toolkit Controls.**
* Developed **User Interface using HTML, CSS, JavaScript, AngularJS, ReactJS, AJAX, jQuery, JSF, JSP and Bootstrap.**
* Experience to NoSQL database programming
* Experience with core Java , JDK, No SQL/SQL
* Experienced in developing MVC framework-based websites using **Struts and Spring Boot.**
* Experienced in Application Assessment and maintenance of **Microservices architecture** applications using **Spring Boot, AWS, and Restful Web Services.**
* Experienced in implementing and managing cloud (WCNP Private Cloud and Azure) infrastructure, optimizing IAM, deployment, auto-healing/scaling, etc.
* Hands on experience in **AWS, AWS IOT concepts like Lambda, AWS Java SDK programming and CLI Tools continuous Integration and Continuous Deployment, AWS Glue.**
* Extensive experience designing web applications, large-scale distributed systems, business applications, and e-commerce systems/applications, focusing on scalability and maintainability.
* Specializes in implementing enterprise IT SaaS and PaaS solutions using **J2EE, SOA, Web Services, Message Middleware, CEP (Complex Event Processing), and Microservices API Architecture.**
* Skilled in database design and implementation, with strong proficiency in **SQL (RDBMS) and NoSQL technologies.**

**DevOps**

* Designed and implemented **Jenkins CICD pipelines and Kubernetes orchestration.**
* Engineered **ETL automation using tools such as Apache NiFi and Python/NiFi expression-based scripts.**
* **Created analytics dashboards (Splunk, Grafana, Kibana, etc**.) to visualize data, evaluate trends, and plan capacity.
* Developed Splunk, Grafana, and Custom alerts and notifications systems for production monitoring, L1/L2 support analysis, and troubleshooting.

**Experience**

**Walmart Global Tech, NYC NY Apr 2020 - Present**

**Java Tech Lead**

* Developed and maintained server-side applications using Java and Spring boot.
* Orchestrated the launch of a Customer Loyalty and Subscription program, developing cloud-native microservices within the distributed system utilizing **Java, JSON, Kafka, Oracle (SQL), and Cassandra.**
* Used rest controller in spring frame work to create Restful web services and JSON objects for communication.
* Developed server side application to interact with database with spring boot and hibernate.
* Worked with NoSQL database to store JSON like dynamic connections data.
* Responsible for using AWS Console and CLI for deploying and operating AWS services.
* Set up CI/CD pipelines for Microservices on AWS using App services.
* **Developed use case diagrams, class diagrams, database tables, and provided mapping between relational database tables and object-oriented java objects using Hibernate.**
* Good understanding of SOA framework as eHP composes of multiple webservices using SOAP REST and JMS
* Integrated spring security to validate the users
* Handed on Spring FTP integration for transferring data to remote FTP server
* **Created reusable templates using Angular directives** and worked with **NPM package manager tools (Node JS).**
* Designed dynamic client-side codes to build web forms and simulate processes for a web application, page navigation using Angular 4.
* Generated Java APIs for retrieval and analysis on No-SQL database such as HBase and Cassandra.
* Design and development of Microservices using Spring Boot, REST API and document it using swagger.
* Developed test plans and testing strategies and contributed to building in-house automation APIs and tools.
* Improved SNAP/EBT payment and refund calculation, preventing ~$8M loss by handling auth/re-auth and settlement updates with payment systems and payment gateway using Java, JSON, and Kafka.
* Implemented ETL data sync automation between OMS and Marketplace (MP) systems.
* Co-led efforts to optimize costs by analyzing software and infrastructure operational costs and decommissioning infrastructures based on risk analysis resulted in ~$5,000/day savings.

**IBM, Baton Rouge, LA Nov 2017 – Apr 2020**

**Java Tech Lead**

* Revamped the payment solution and integrated the VISA payment gateway, reducing costs by over $500K/yr: leveraged iFrame-based session management, **Javascript, and Java.**
* Spearheaded DevOps designs and implementation initiatives. **Developed CICD pipelines and enabled 1-click deployment**, reducing deployment duration by 75%.
* Responsible for **developing Microservices using Test Driven Development and Pair Programming in a DevOps environment using Spring Boot.**
* **Developed Hibernate DAO classes and with the spring framework manager classes** retrieve and save the data from the database.
* Designed the N-tire architecture for the application following spring MVC pattern.
* **Designed and documented REST/HTTP APIs, including JSON data formats** and API versioning strategy.
* Used NoSQL databases like AWS Dynamo DB and S3 for database persistence.
* **Used the Node.js, Angular.js, and backbone.js MVC Frameworks** in the development of web applications.
* Hands on experience in creating SOAP and implemented Restful Services
* **Used Spring IOC framework to integrate with Hibernate.**
* **Interacted with Kafka using Apache Kafka**, spring cloud and created Topics and Consumer Groups.
* Used Spring Webflux and migrated applications from servlet to reactive Spring API.
* Used Annotations for Spring DI, Auto wiring and Spring MVC for REST API s and Spring Boot for Microservices.
* **Developed new libraries with Micro Services architecture using Rest APIs, spring boot and AWS cloud environment.**
* Led engineering teams in developing cloud solutions utilizing **Azure, Java, Cassandra, and ElasticSearch.**
* Provided expert consultation on distributed systems design and deployment.
* **Developed custom ETL pipelines utilizing REST/Java/Python** to process, update, and store data from multiple systems such as inventory, fraud, and tax.
* Conduct systems design, feasibility and cost studies and recommend cost-effective cloud solutions such as Amazon Web Services (AWS).
* Managed 15+ professionals across geographical locations, operating in an onshore/nearshore/offshore model.

**Galax-E Systems | Baton Rouge, LA Dec 2016 – Nov 2017**

**Sr. Java Developer**

* **Developed and integrated REST APIs with external systems utilizing Java** and implementing XML-> JSON conversion strategy with minimal overhead.
* **Developed server-side application to interact with Couchbase NoSQL database using Spring Boot and micro service architecture.**
* Core financial model design and implementation (NodeJS, AWS, RESTful HTTP API) for client and financial data (NodeJS), as well as various APIs for other services and integrations (Scala/Spray)
* **Developed API for using AWS Lambda to manage the servers and run the code in AWS.**
* System components construction using java, SOAP web services, batch jobs and hibernate.
* Client pages are built using **HTML, CSS, JSP, AngularJS, JavaScript/jQuery.**
* **Utilized Cassandra, NOSQL database management system** for keeping user generated data.
* Managed a team of 8+ professionals implementing the Manhattan West Coast DC project. Supported QA, production monitoring, L1/L2 support, root cause analysis, and resolution.
* **Redesigned Sterling Order Management Suite using Java, web services, and POJO**, improving the call center experience and reducing order capture time by 20%- 30%.
* Mentored professionals for post-implementation warranty and production support, streamlining SOPs for consistency.

**Accenture, (Bangalore, IND & Minneapolis, MN) Jul 2011 – Dec 2016**

**Sr. / Software Engineer**

* Reduced in-store customer pick-up time by 25% by designing and implementing custom UI and integrating OMS with Big Data systems.
* **Implemented SOAP Web Services to integrate third party service using the WSDL and created stubs.**
* Created AngularJS controllers, directives, models for different modules in the front end.
* Involved on development of RESTFul web services using JAX-RS in a spring-based project.
* **Migrated spring-based application to Cloud based Micro Service API.**
* Collaborated with cross-functional teams to implement the MP solution and enable X-dock functionality.
* Developed SFS (Ship from Store) capability for US stores, improving the fulfillment process and customer communication.

**Additional Skills**

**Tech Stack:** Java, Groovy, Microservices, Spring Boot, Webservices (SOAP, REST), Elasticsearch, Kafka, Tibco, MQ, JavaScript, WTS (XSLT, Mustache), Apache, JSON, Hibernate

**OS:** Linux/Unix, Mac, Windows

**Database**: RDBMS – Oracle, NoSQL - Cassandra, Cosmos DB, AngularJS

**Cloud Technologies:** Azure, WCNP (Private Cloud), Familiarity with AWS

**DevOps/Observability Stack**: Jenkins, Kubernetes (K8s), Splunk, Kibana, Grafana, Apache NiFi, OneOps

**Tools:** JIRA, Jmeter, Eclipse, IntelliJ, Git, SVN, Offset Explorer, Trello

**Others:** Distributed Systems, Team Building, Risk Analysis, Critical Thinking, Leadership, Process optimization, Software Design Patterns, Process Improvement, Project Management, Software Architecture, Problem Solving, Automation, Communication

**Education**

**NMIMS University | Mumbai, India**

Bachelor of Technology | Computer Science and Engineering 2011

**Certification**

IBM Certified Implementation Professional - Sterling Order Management V9.4

**Awards/Recognition**

IBM Innovation and Delivery Excellence Awards 2017

ACE (Accenture Celebrate Excellence) Q2&Q4 2013