SANDEEP GAIKWAD

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**PROFESSIONAL EXPERIENCE:**

* Dedicated and accomplished Architect with extensive experience in designing, developing, and supporting Java applications with a focus on Cloud and SRE. Proven track record of delivering high-quality software solutions across various domains, including retail, insurance, telecom, finance, and payments. Skilled in the software development lifecycle and demonstrated ability to make impactful architectural decisions, contributing to scalable and robust software systems. Adept at architecting and developing applications on AWS and aligning technical solutions with business objectives.

**EXPERIENCE SUMMARY**

* **AWS Architect | Java AWS Architect**

**Bill.com |** **San Jose, CA** **| July 2022 - Till date**

* + Worked on security platform for encrypting secrets in Cloud HSM and AWS Secrets Manager to comply with security requirements.
	+ Developed AWS cloud formation templates for creating AWS ECS services deployed into AWS elastic container service running on Fargate as well as on EC2.
	+ Architected and developed OAuth authorization server for authenticating resource owners from various applications and issuing tokens based on the authorization.
	+ Led multiple teams to integrate with the unified platform for authentication and authorization. Designed and developed the application using Java11 and Spring Boot framework and deployed it as a serverless application. Leveraged Dynamo DB as the database for storing session and token data.
	+ Leveraged Kafka for event processing to legacy application for maintaining session state.
	+ Modernized the legacy application by breaking the monolith into microservices.
* **Solutions Architect**

**Amazon Web Services |** **San Francisco, CA** **| Aug 2020 – July 2022**

* + Educated and ensured success in designing, building, and migrating applications, software and services on the AWS platform for multiple customers.
	+ Participate in deep architectural discussions, demos, and design workshops to create solutions built on AWS.
	+ Provided in-depth knowledge of AWS services to customers and worked on proof of concepts using Java for customer adoption and optimizing customer workloads.
	+ Collaborated with customers in ensuring that architectural best practices are followed based on the AWS Well Architected Framework pillars.
	+ Specialized in AWS Database services such as Dynamo DB, Aurora, RDS and achieved AWS Database Specialty certification.
	+ Specialization in security in the cloud.
* **Lead Software Engineer**

**Macys com |** **San Francisco, CA** **| Oct 2013 – Aug 2020**

**Key achievements:**

* + Designed and developed catalog piece of the website which stores all product and category related data in Cassandra DB using Spring Boot framework.
	+ Designed and optimized real time consumption of availability data from backend Inventory system via messaging using Kafka
	+ Developed REST services for the application’s clients to read/write data from Cassandra using microservice architecture. Used Java8 for development of the catalog application and the batch processes.
	+ Strategized and executed new initiatives working in collaboration with product and business teams.
* **Senior Consultant**

**StateFarm Insurance​** **|** **Bloomington, IL** **| Feb 2012 to Oct 2013**

* + Responsible for designing the user experience framework to be used across the site along with the designing and maintaining the content management system. Working extensively on JS, jQuery, HTML 5, CSS, Twitter Bootstrap using agile methodology
	+ Worked extensively on making the framework web responsive.
	+ Integral part of designing the content management system using SDL Tridion 2011 for the UI framework along with the static content pages used across the site. Worked on blueprinting the structure in Tridion 2011 to migrate the content from Tridion 2009.
* **Technical Lead**

**Reebok** **|** **Canton, MA | Oct 2009 to Feb 2012**

* + Development of Category, Search, Product detail pages end to end
	+ Worked on custom Reebok application.
* **Technical Specialist**

**GMAC** **|** **Detroit, MI | Aug 2008 to Sep 2009**

* + Developed Dealer and User home pages for the auction site
	+ Involved in Data Model, High Level & Low-Level designs.
* **Software Engineer**

**British Telecom** **|** **London, UK | August 2005 to Aug 2008**

* + Developed Self Service Portal for users to view and pay bills
	+ Worked on a white labeled site customized according to the requirements of various BT clients.
* **Education**:

**Bachelor of Technology, Computer Science (2001 – 2005) |** **Jawaharlal Nehru Technology University, India**

* **Certifications**:
* Sun Certified Web Component Developer
* Sun Certified Java Programmer
* AWS Solutions Architect Professional
* AWS Certified Database Specialty
* AWS Certified Security Specialty
* AWS Solutions Architect Associate
* AWS Developer Associate
* Datastax Cassandra Administrator and Developer
* Google Cloud Associate Cloud Engineer
* **Software Skills**:
* **Programming languages:** Java, Python
* **Application Servers:** JBOSS AS/EAP, IBM Web Sphere, Weblogic, Tomcat, Spring TC
* **Cloud:** AWS, GCP, S3, Lambda, DynamoDB, RDS Aurora, ECS, EKS, EC2
* **Frameworks:** Spring MVC, Spring Boot, Micronaut and Struts
* **Databases:** Oracle, DB2, Cassandra, MySQL, Spanner, RDS & Aurora, DynamoDB
* **Web Services:** JAX RS RESTful, SOAP, Spring REST
* **ORM:** Hibernate, JDBC, JPA, Oracle Toplink
* **Front end:** HTML, CSS, JavaScript, JSP, jQuery, JSON, Twitter Bootstrap, Mustache, Freemarker
* **Messaging Platforms:** Active MQ, Tibco, Kafka, Google Pub Sub, AWS SNS and SQS
* **Other Skills:** Splunk, Datadog, Prometheus, Grafana, PagerDuty, Dynatrace, Docker, Kubernetes, Tridion Content Management System, Hybris e-commerce suite, Tealeaf, ClickTale, QuantumMetrics, Omniture Tagging, Coremetrics Web Analytics Tool, Solr Search Engine, Akamai, Google Stackdriver, Problem Solving, Data structure and Algorithms, Linux