

Chintan Darji

JAVA-AWS Full Stack Lead

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Professional Summary:

- Overall, **16 years** of IT Industry experience as AWS Cloud Implementation Lead, JAVA – Full stack lead and Analyst Programmer at TCS using agile methodology. Proven record in development, implementation, team management, application support, and monitoring.
- Hands-on experience on various **AWS Cloud** services like **EC2, Cloud9, Elastic Beanstalk, VPC, Cloud Formation Stack, Cloud Trail, S3, RDS, API Gateways, ECS, Cloud Watch** and other services of the AWS infrastructure like **SQS, Serverless Lambda, Secrets Manager, focusing on high-availability, Autoscaling & Fault tolerance.**
- Worked on building and improving the CI-CD pipelines using **Jenkins** and AWS for errorless code deployment. Also executed **DevOps** tasks such as HAProxy Configuration, AWS Resource creation by utilizing the IaC templates (.yaml), relevant shell script file creation and deployment of the same on various AWS environments.
- Successfully led major system upgrades for existing clients, ensuring seamless transitions and improved functionality. Worked on various **upgrades** and patch management like various certificate creation and update, Vertical scaling of the AWS resources etc.
- Collaborated with cross-functional teams to analyze requirements, design solutions, and implement enhancements.
- Experience in all phases of **Software Development Life Cycle (SDLC)** including **requirement gathering, analysis, applications design, development, integration, maintenance, installation, implementation, and testing** of various client/server and web applications using **MVC architecture, Object Oriented Programming Concepts** and **Java** related technologies.
- Expertise in designing and developing of MVC based application and Cloud deployment.
- Expertise in developing applications using open-source frameworks like **Spring boot** and **Object-Relational Mapping (ORM)** using **Hibernate**.
- Experience in developing/consuming **Web Services applications** using **REST APIs** for distributed web as well as service oriented environments.
- Strong experience with Frontend tools like **HTML, Java Script, Groovy Script, CSS, jQuery, AngularJS12.**
- Designed and implemented scalable **Microservices**, emphasizing modularity, loose coupling and independent deployment.
- Developed and executed scalable APIs and applications using the **Node.js** framework. Also worked on to create high-performance, efficient web applications that can handle large amounts of data and traffic for the various clients.
- Skilled in managing database objects (tables, views, indexes) and ensuring data consistency and security using **MySQL and PostgreSQL**. Proficient in writing SQL queries for data retrieval, filtering, and aggregation.
- Worked using Agile Methodology in various projects as well as in **Behaviour Driven Development process.**
- **External Certifications** : **Certified AWS Cloud Practitioner**, Certified W3S JavaScript Developer

Education:

- Master in Computer Applications (2006) from Gujarat Vidyapith University, Gujarat, India.
- Bachelor in Commerce (2003) from Gujarat University, Gujarat, India.

Technical Skills:

Java Technologies:	Spring Boot, JDBC, Collections, jQuery, Java8 & 17
Web Technologies:	JSP, JavaScript, HTML, CSS, XML, AJAX, Webservices (SOAP, REST), Typescript
AWS	S3, EC2, Lambda, RDS (PostgreSQL), Cloudwatch, CloudTrail, Codebuild, SQS, SNS, Secrets Manager, VPC, CloudFormation Stack, Cloud9, Elastic Beanstalk, API Gateway etc.
Frameworks:	MVC, Spring 4.0, Hibernate, Angular12 (Basic), Node.js
Database (SQL/NoSQL)	MySQL, PostgreSQL, DynamoDB
Application Servers:	Apache Tomcat, IBM Websphere
IDE:	Eclipse Galileo, IntelliJ, VS Code
Operating Systems:	Windows, Unix, Linux Shell Scripting
Version Control:	MSVSS, SVN, GIT Hub

Professional Experience:

Employment - Tata Consultancy Services -2007 to April 2024

Precision Technologies Corp, USA

May-2024 – Present

Role: Sr Java Lead Developer

Project Description: Involved in developing the Invoice generation system having implemented on-premises and to be migrated to the AWS cloud.

Working on identifying the independent components of the existing monolithic application and prepare high level design document for decoupling it into the individual Microservices to achieve modularity, Flexibility and high availability.

TCS/Client: AXA Bank USA, Belgium (Remote)

May-2022 – Apr-2024

Role: AWS-JAVA Full Stack Lead

Project Description: At AXA Bank, I was engaged in the development and enhancement of Tax benefit applications which were migrated in AWS and using Java7 & 8 technologies. I specifically worked on the development of storing the frontend data in S3 storage buckets using Serverless Lambda functions and established connectivity using SQS Fifo Queue.

Key Responsibilities:

- Worked on the development and configuration of various Serverless **Lambda Functions** in AWS using **Java7 & 8** and **Spring boot** framework to trigger the event when file is uploaded in **S3 bucket** and do further file processing. Developed RESTful APIs using Spring Boot, adhering to best practices and industry standards.
- Update Memory size using **Cloud Formation stacks** to achieve agility in uploading and processing large size files.
- Implemented code to read a messages from the SQS queue to communicate with underlying API.
- Implement **API gateways** and underlying serverless Lambda functions using customised IaC templates to bulk insert and fetch the data stored in NoSQL database like DynamoDB.
- Analyzing the logs using **Elastic Beanstalk** and **Cloudwatch** to verify the data flow as well as the connectivity establishments.
- Installation / Configuration of **Cloud9 environment** based on EC2 instances and connect to it

using secrets stored in Secrets Manager to query a database for various type of data required in applications.

- Designed and implemented scalable **Microservices**, converting monolithic application development to smaller and independent services, emphasizing modularity, loose coupling and independent deployment. Led a team in transitioning from a monolithic to Microservices architecture, resulting in a 30% reduction in system downtime and improved performance.
- Actively involved in discussing the DB Design along with the architect and developed the same leveraging the **RDS (PostgreSQL)** in all the DEV, STG and PRD environments using Cloud9.
- Configure inbound rules of **DB Security Groups** with Cloud9 environment security groups to allow the call for DB data access.
- Performed as **DevOps** for the deployment of code using **CI/CD** scripts placed in GIT Repository. Also, worked on the **HAProxy configurations** to onboard the new application URL Also worked on few tasks such as AWS Resource creation by utilizing the IaC templates (.yaml), relevant shell script file creation and deployment of the same on various AWS environments.
- Attending **huddle meetings** and **daily standup**. Coordinating with team to get the work done.
- Developed webservices using **REST APIs** for distributed web as well as service oriented environments.
- Developed **Multi-threaded** applications using **executor services** to optimize computational efficiency and improve performance, resulting in a 25% reduction in processing time for data-intensive tasks.
- Installing, deploying, configuring, recommending improvements and maintaining the **Docker containers** by building it from the images and it's deployment pipelines and automation.
- Developed and maintained **Kafka** producers and consumers for efficient data ingestion and processing. Also set up and managed Apache Kafka clusters to handle large-scale data streams reliably.
- Worked on the development of alable APIs and applications using the **Node.js** framework. Also worked on to create high-performance, efficient web applications that can handle large amounts of data and traffic for the various clients using **Typescript**.
- Achieved **AWS Cloud Practitioner certification** to get acquaint with customer proposed project requirements in AWS.

Environment & Tools: Java7 & 8, J2EE, HTML5, CSS3, Node.js, JavaScript, Angular12, Spring boot, Spring IoC, AWS, GitHub, SOAP/REST webservices, PostgreSQL, IntelliJ IDEA, Jira, TypeScript.

TCS/Client: VirginMediaO2-UK & LibertyGlobal-NL (Onshore)

Aug-2017 to April-2022

Role: Core Java Automation Full Stack Developer

Project Description: VMO2 and LibertyGlobal are broadband service provider across UK and Europe where i developed the various Automations using Core Java 7 to automate various business processes.

- Involved in complete development of automations using **Agile (SCRUM) Development Methodology'** and assessed the application in each iteration.
- Developed the various Automations for the specified business processes using **Java8** and **Spring boot** framework and
- Optimized **deployment pipeline** and curtailed infrastructure expenditure by 20% using Digital AI and Octopus deployment tools.
- Implemented **Service Oriented Architecture (SOA)** with **XML based Web Services (SOAP/WSDL)** using Top Down and Bottom-Up approach.
- Constructed various automations using Core Java to automate business processes based on the Node down alarms received from the underlying applications.
- Developed **REST webservices** for transmission of data in **JSON format** and implemented

functionality using Core Java, Spring and deployed on web server. Developed and maintained **RESTful** APIs in a **microservices** framework, enhancing modularity and facilitating seamless integration with third-party services.

- Decomposed monolithic applications into smaller & independent **Microservices**. This architectural shift was implemented to achieve better scalability, maintainability, and agility.
- Preparing the technical and **Low-level designs (LLD) documents** for the team and guiding them in implementation of automation as per customer requirements.
- Develop and update various dashboards in **Splunk** to monitor operational flows in real time to convert complex data into simple information.
- Reduced 30% of technical debt by fixing bugs through **root cause analysis** and **strong debugging** in the core technical areas of application.

Environment & Tools: Java7, Spring boot, HTML5, CSS3, jQuery, Ajax, JavaScript, Groovy Script, SVN, WinSCP, REST/SOAP Webservices, MySQL, Jira, Splunk, Linux ShellScripts

TCS/Client: John Wiley & Sons, UK (Onshore)

May 2013 – Jul 2017

Role: Sr Java Developer

- Daily interaction with customer for the implementation & design, Preparation of Solution proposal document, Test Case preparation, Development of the agreed requirements in EMC Documentum.
- Developed standalone scripts using **Core Java, JavaScript & JQuery, DFC API, Customized XML application development** and Method creation, Preparing DAR using headless composer to process various content in the repository.
- Enhanced and customized the Documentum based application in Java for the publishing domain customer with high data volume.
- Leading deployment management activities, attending CAB meeting to promote planned change, Monitoring & support of the application post deployment.
- Project requirements tracking in JIRA and maintaining source code in SVN.

Environment & Tools: Core Java7, HTML5, CSS3, jQuery, Ajax, JavaScript, SVN, WinSCP, REST/SOAP Webservices, MySQL, Jira, Unix ShellScripts.

TCS/Client: Al-Futtaim Pvt. LLC, Dubai

Jan 2012 – April 2013

Role: Sr Java WCM Developer

- Involved in preparing Functional specification document (FSD), Technical design document (TDD), Unit test case document and Application development which includes Dynamic Web content & customized Component creation using IBM WCM tool.
- Development of dynamic WCM re-usable Portlets & components including Menu, Image, Navigator, Pagination, Authoring & Presentation templates for the various project modules (i.e., Honda cars, Power Products, Motorcycles & Outboard marines) using HTML5, CSS3, JavaScript & jQuery.

Environment & Tools: Core Java 1.7, HTML5, CSS3, JQuery, JavaScript, SVN, WinSCP, REST/SOAP Webservices, MySQL, Jira, Unix ShellScripts.

TCS/Client: Finance Dept., Govt. Of Gujarat

Oct- 2007 – Dec 2011

Role: Jr Java Developer

- Involved in collaborating with customer to propose from “As-Is” to “To-Be” solution, suggesting business process re-engineering, Gap Analysis, preparing URS & GUI design documents, Testing deliverables & Performing UAT with customer.
- Developing customized Java application to implement the file movement between various government departments.

- Responsible for delivering UML Diagrams (i.e., Usecase, Activity, Class & Sequence diagrams) using Smart Draw tool and preparing prototypes using HTML & JSP for the proposed solution.

Enviroment & Tools: Core Java6, HTML, CSS, JSP, Servlets, MSVSS, XML, Oracle10g, WinScp, Eclipse.