

Dilip Bhatt

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Background:

Dilip has worked predominantly as an architect for designing and developing web applications in Java EE, Spring boot, Liferay Portal on AWS cloud infrastructure and orchestrated Docker containers with K8s. He is currently working as a Senior Technology Architect for Life Sciences and Health Insurance unit in Infosys.

Current role involves acting as a Technology Architect and Design Lead, guiding architecture decisions, and collaborating with team on solutions on various initiatives. Required to be a part of scrums calls for design review, technical inputs, client communications and architectural tasks.

Current Occupation:

Senior Technology Architect (Java EE, Kubernetes and Cloud Architecture and Management) at Infosys with an overall experience of 19 years.



Education:

1. Sun Certified Java 5.0 Programmer (SCJP 5), Sun Microsystems.
2. D&B Capital Markets Level 101, Dunn & Bradstreet.
3. IBM certified Blockchain Basics Practitioner
4. Sept 2002, BE (E & C), Visveswaraiah Technological University. Aggregate Score: 72%

Projects Executed in the last 3 years:

01	Project Name	Healthcare Platform
	Description of the project	Analyzed and solution designed a healthcare platform enabled with multitenancy involving Spring boot applications dockerized and orchestrated on Kubernetes. The platform was hosted on AWS cloud. The project involved designing smaller business modules as separate microservices that are independently scalable.
	Role	: Application Architect
	Responsibility	: 1. Technical feasibility inputs and design. 2. Execute a PoC 3. Provide a long-term oriented solution plan. 4. Review code and mentor the developers.
	Softwares	: Spring Boot, AWS, Docker, Kubernetes, MySQL
02	Project Name	Portal Cloud Migration
	Description of the project	Architect the Cloud Infra layout and migrate a Java EE portal application from on-premise infrastructure to AWS. The project involved making key architecture updates to the existing JEE application to be able to work on cloud infrastructure. It involved making application design changes to be able to work with a central database system on AWS RDS and other AWS components.
	Role	: Application Architect
	Responsibility	: 1. Designed migration roadmap and phased cloud enablement. 2. Implement design changes in app as required for cloud enablement 3. Execute the cloud migration plan. 4. Review migration steps and mentor the developers.
	Softwares	: Liferay Portal, AWS, MySQL.
03	Project Name	<u>Internal Cloud Auto-scale for Cost Optimization</u>
	Description of the project	This project involved maintaining a pool of applications running on private servers (NTT Data Cloud) with the ability to power on/off as per the web traffic demand and the infrastructure utilizations. Also was involved in the plan to migrate the set of applications to AWS.
	Role	: Application Architect and Senior Developer
	Responsibility	: 1. Technical design mimicking AWS Autoscaling. 2. Design and review critical flow 3. Review and hands on for application code. 4. Address design issues and support team technically. 5. Review HLD & LLD and mentor the developers.
	Softwares	: Private Cloud (NTT Data), NodeJS with Strongloop RESTful WS, LifeRay portal, BitNami stack.

Skill Set:

1. Hands on experience in technologies like **Spring Boot, Node JS, Dockerizing APIs**, deploying RESTful Web services on **AWS**. Architecture and solution blueprint for Cloud enablement of on-premises applications and infrastructure to AWS cloud.
2. **Cloud Governance, monitoring** and account ownership to ensure optimal usage of cloud revenue – scheduled power management, infra usage audit, environment segregation, storage and backup management, etc.
3. Specialization in Web application security and security countermeasures – Usage of **automated code scan tools** like **Fortify** and **Black Duck** for library license usage and **SonarQube** for code quality.
4. Worked on existing setup of SCM toolsets like Jira and confluence with Github, Jenkins etc.
5. Architected, designed, and deployed **LifeRay portal** application on to AWS cloud.
6. Good knowledge of ETL tools like **Pentaho** with MySQL.
7. Domain knowledge includes Hospitality domain, BFSI Online Consumer and Business Banking and Investments and Health care.
8. Good communication skills, self-motivated, proactive interest in upcoming technologies, trends and a quick learner. Project co-ordination and hands-on experience in handling and mentoring junior developers and team members.

Client Onshore Experience:

1. Worked with Capital Market client at Boston, MA from 2004 to 2007.
 2. Worked with BFSI client at Seattle, WA from 2008 to 2010.
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Personal Details:

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