Dilip Bhatt - Senior Technology Architect

Summary:

A Senior Technology Architect, Dilip Bhatt specializes in solution designing, architecting and cloud migration of enterprise applications. He has over 20 years of experience in the industry predominantly in Cloud and Java EE background. Dilip has strong hold on Spring microservices architecture, AWS cloud and AI-ML implementation with focus on NLP and Postgres /MySQL /MongoDB backend.

Experience Areas & Skills set:

- Architecting Java EE, Spring boot microservices on docker, K8s in Java, Nodejs, python.
- AWS/Azure architecture and Infrastructure management
- AI ML models usage GPT3 via APIs, and others like BERT, BART, and explainability tools like LIME, SHAP, etc.
- MongoDB, Postgres, MySQL and AWS RDS DBaaS
- Consistent exposure to Angular, React frameworks.

Qualifications:

Bachelor of Engineering (E&C)
Sun Certified Java Programmer (SCJP v5)
DeepLearning.AI certified
AWS and Azure Well-Architected Proficient Badges
AWS Cloud Economics proficient accreditation

Key Projects Summary

- AWS Cloud Migration – Worked as a senior AWS migration architect consultant for an insurance client. We migrated 400+ applications on 1600+ servers in a span of 8 months during 2022. Migration happened in waves of interdependent servers from private DXC cloud to VMWare Cloud on AWS using the VMWare's HCX tool.
- Portal Cloud Migration – Worked as a solution architect to migrate the cloud Infra and a complex Java EE portal application from on-premise NTT Data infrastructure to AWS. The project involved making key architecture updates to the existing Java EE application before being able to work on cloud infrastructure.
- Scientific Writing Platform – Worked as a consultant and architect in the Infosys Scientific Writing Platform hosted on Azure. This is an AI-powered Medical writing and summarization platform which uses NLP LLMs like BERT and GPT-3 for the internal feature offerings.
- Healthcare Platform – Analyzed and solution designed an existing healthcare multitenancy platform involving dockerized Spring microservices orchestrated on Kubernetes hosted on AWS cloud. The project involved designing smaller business modules as separate microservices that are independently scalable.
- Internal Cloud Auto-scale – This project involved maintaining a pool of applications and maintaining a pool of private servers running with the ability to power on/off as per the demand and the infrastructure utilizations. Idea was to replicate Auto-scaling on private servers and later migrate the applications to Azure down the line.
- Consulting Solution Review, Pre-sales and PoCs – Involved in solution design during the RFP phases and client orals and architecture. Executed PoCs involving demo of working early-MVP prototype on cloud. Reviewed application code manually of existing applications as a code quality and security consultant.