

Dhiraj Salian

Senior Software Engineer | Cloud Platforms & Distributed Systems | AI Engineering

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Summary

Senior Software Engineer with 8+ years designing and building backend services and distributed systems across multiple cloud platforms. Brings deep expertise in cloud architecture, distributed systems, and AI engineering, pairing hands-on engineering with systems design to deliver reliable, scalable software at enterprise scale.

Skills

Languages: Java, Python, SQL, NoSQL

Backend & Architecture: Spring, Spring Boot, Microservices, RESTful APIs, Distributed Systems, Kafka, Redis, Prometheus, Grafana, Struts, MyBatis

Frontend & Scripting: JavaScript, UI5, Angular, Bash

Cloud & Infrastructure: AWS, Azure, Kubernetes, Docker, Linux

AI & Machine Learning: Prompt Engineering, LLM Applications, Retrieval-Augmented Generation (RAG), AI Agents

Engineering Practices: High Availability, Migration Strategy, Reliability Engineering, Security Monitoring

Experience

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Aug 2023 – Present

Omniassa (formerly VMware End-User Computing)

Bengaluru, India

- Lead architecture and reliability for the distributed cloud microservices that deploy and lifecycle-manage Edge and Unified Access Gateway (UAG) components in customer AWS and Azure environments. (*Java, Spring Boot, Kubernetes, Kafka, Redis*)
- Built HowTo Bot, a RAG knowledge assistant answering oncall questions from runbooks and product docs, accelerating incident resolution. (*PostgreSQL/pgvector, Azure OpenAI*)
- Built HowTo Bot's automated triage engine that diagnoses escalations and automation failures by correlating logs across the microservice fleet, cutting manual investigation for oncall teams. (*agentic AI; Prometheus, Grafana, Jenkins*)
- Spearheaded multi-cloud support for Horizon Cloud on AWS, opening an onboarding path for new customers to run virtual desktops in their own AWS environments — extending beyond the initial Azure launch and anchoring VMware's pivot to Omniassa. (*Java, Spring Boot, Kubernetes, Kafka, Redis*)
- Rolled out health checks across all cloud microservices, improving fault detection and operational visibility. (*Spring Actuator, Prometheus, Grafana*)
- Engineered highly available UAG deployments across availability zones in Azure and AWS, with automatic VM SKU/instance-type fallback to keep desktop sessions running under capacity constraints.
- Drove migration of 1,000 customers from Horizon First-Gen to Next-Gen, cutting platform infrastructure cost 50% by decommissioning the legacy platform; also led the Azure resource-name migration during the Omniassa transition.
- Hardened edge security with host intrusion detection (Falco, Wazuh) across AKS- and VM-based edges, and automated Azure node OS upgrades.

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Jun 2021 – Aug 2023

VMware

Bengaluru, India

- Built customer filtering and tenant migration tooling that accelerated Horizon Cloud onboarding, earning a Spot Award for its impact. (*Java, Spring*)
- Developed the Azure image-migration worker that migrated legacy VM-based images in Horizon First-Gen to Shared Image Gallery (SIG)-based images in Next-Gen. (*Java, Azure*)
- Contributed to backend workflows across Edge and UAG migration services as Horizon First-Gen and Next-Gen capabilities were aligned.

Associate Software Developer

Jun 2018 – Jun 2021

SAP Labs India

Bengaluru, India

- Built white-label extensions and API capabilities for SAP Ariba on SAP Cloud Platform. (*Java, Spring*)
- Delivered SAP SuccessFactors LMS workflows and integrations. (*Java, Spring, UI5, Struts, MyBatis*)
- Created analytics dashboards on SAP Analytics Cloud and demo portals for presales and internal stakeholders. (*Angular, Spring*)

Achievements & Certifications

Team Excellence Award, Omniassa – Enabled AWS provider support for Horizon Cloud.

Spot Award, VMware – Built migration tooling that accelerated customer onboarding.

Open Source – Developed the Open Sky Planetarium plugin for Stellarium at FOSSEE, IIT Bombay.

Certifications – Machine Learning (Coursera); Neural Networks and Deep Learning (DeepLearning.AI).

Technical Writing – Publishes articles on AI and Machine Learning at blogs.dhirajsalian.com.

Education

B.Tech. in Computer Science and Communications Engineering

2014 – 2018

Manipal Institute of Technology

Manipal, India