

Dhruvin Rupesh Soni

Solutions & Cloud Architect | Microservices Modernization & GCP Migration | Security & Standards Leadership
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SUMMARY

Senior Software Engineer and solutions architect with 6+ years designing and modernizing enterprise systems on Google Cloud. Signature strength: decomposing monoliths into resilient, self-healing microservices and leading risk-controlled cloud migrations with zero critical regressions. Sets the engineering standards (security, CI/CD, model-selection) that teams adopt as SOPs, acting as a force multiplier across cross-functional groups.

FOCUS

Cloud-native architecture, microservices decomposition, GCP (Cloud Run, GKE), DevSecOps, cost/capacity optimization, and AI-augmented engineering standards.

EXPERIENCE

Senior Software Engineer — Zebra Technologies

Nov 2022 – Present

Pune, India (Hybrid)

- Re-architected a monolithic batch “god-class” into decoupled microservices using an orchestrator pattern, and migrated legacy VM cron-jobs to Google Cloud Run under release pressure with zero critical regressions across three releases.
- Designed a self-healing pipeline with auto-retriggering and SLA-based alerting, shifting a silent-failure-prone system from reactive to proactive support; implemented readiness probes for zero-downtime rolling updates and sustained zero major incidents on a long-term-support analytics platform.
- Authored a “Comparative Analysis of GenAI Strategies” benchmarking leading LLMs that became the team’s model-selection and prompt-engineering standard; built MCP integration over an enterprise DB2 schema as secure groundwork for natural-language (Text2SQL) analytics.
- Led an AI-augmented test-coverage program across an Angular + Spring Boot service pair, lifting coverage from ~10-15% to 70-85% (100% on a critical module) at \$0 added budget; cut review/documentation cycle time ~10x and critical-path cycle time ~15% via automation adopted as team SOPs.
- Resolved a production JVM-hang risk with a 4-5 hour critical hotfix, and codified personal productivity into reusable team standards, evolving from lead contributor to cross-team force multiplier.

Software Engineer II — Zebra Technologies

Sep 2020 – Nov 2022

Pune, India

- Built Jenkins-on-GCP CI/CD with GKE + Helm and self-service pipelines, and led SVN-to-Git and MongoDB-to-Atlas migrations off legacy infrastructure; hardened the GCP estate (security-center findings, RHEL/Jenkins auto-update, Artifactory, firewalls, DR backups).
- Delivered first-in-company Google Secret Manager integration with atomic rotation and least-privilege IAM, plus Trivy vuln remediation without breaking builds; cut cloud COGS/OpEx via automated off-peak GKE pod down-scaling with no availability loss and Alpine images to shrink build footprint.

Software Developer — Reflexis Systems (acquired by Zebra Technologies)

Jul 2019 – Sep 2020

Pune, India

- Built the backend for an AI performance-management product (Java, Spring Boot, MongoDB, REST, Spring State Machine), and drove rollout quality across a 111-client deployment, resolving 100+ issues at a 45% defect-burndown rate and lifting client satisfaction.

PROJECTS

SmrutiCortex *TypeScript, Chrome MV3, Ollama (local AI)*

Privacy-first browser history-search extension with optional on-device AI; 1,233 unit + 45 E2E tests and 9 scorers, published to the Chrome Web Store.

Samvada Studio *React 18, TypeScript, Vite*

Multi-provider LLM chat UI spanning 6 providers and 35+ features with in-memory key security; launched on Product Hunt.

Agentskills Garden *AI Agents, Skill Architecture*

Hierarchical library of 88 composable AI-agent skills, demonstrating modular system design; part of 10+ public repos and an active engineering blog.

TECHNICAL SKILLS

Architecture & Design: Monolith-to-Microservices, Orchestrator Pattern, Domain Decomposition, REST APIs, Spring State Machine, MCP Integration, Zero-Downtime Rolling Updates

Cloud & Platform (GCP): Cloud Run, GKE, Helm, Cloud SQL, BigQuery, Vertex AI, Secret Manager, Artifactory, VM/Firewall/DR Management

DevSecOps & Reliability: Jenkins CI/CD, Readiness Probes, SLA-Based Alerting, Auto-Retriggering, Least-Privilege IAM, Trivy, Log Masking, SRE Practices

Languages & Backend: Java, Spring Boot, Python, TypeScript, SQL, DB2, MongoDB/Atlas, Angular, React

Cost & Capacity: GKE Pod Down-Scaling, Cloud COGS/OpEx Reduction, Alpine Image Optimization, Off-Peak Right-Sizing

AI / GenAI Strategy: LLM Model Selection, Prompt Engineering, GitHub Copilot Agents, Text2SQL Groundwork, Comparative GenAI Benchmarking

Leadership & Standards: Cross-Functional Orchestration, SOP Authorship, Mentoring, Technical Forum Founder, Stakeholder Alignment

EDUCATION

B.E. (Hons.), Computer Science 2015 – 2019
BITS Pilani, K. K. Birla Goa Campus
Coursework: Data Mining, Parallel Computing, Number Theory, Graphs & Networks, Computer Architecture. First Rank in Mathematics (school batch).

CERTIFICATIONS & RECOGNITION

Certifications: Google Cloud – AI Agents Edition (2025); Google Cloud – OnBoard Edition (2026); Vertex AI Prompt Design; Derive Insights from BigQuery; GC Fundamentals: Core Infrastructure; Migrate MySQL to Cloud SQL; Microsoft – VS Code Agent Mode (2025)

Awards: 5-Year Service Award, Zebra Technologies (2024); Google Cloud Skills Boost – Gold League (22,395 pts) •

Languages: English (professional), Gujarati (native), Hindi