

Dhruvin Rupesh Soni

Senior Software Engineer | Java / Spring Microservices Backend | Cloud-Native Systems & APIs

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SUMMARY

Senior software engineer with 6 years building secure, scalable backend systems in Java and Spring Boot, from REST APIs and Spring State Machine services to microservices on Google Cloud. Signature strength: re-architecting monoliths into reliable, decoupled services and sustaining zero major incidents on long-term-support platforms. Increasingly multiplies output with AI-augmented engineering, but the foundation is production-grade backend design and delivery.

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 auto-retriggering and SLA-based alerting that made a silent-failure-prone pipeline self-healing, shifting support from reactive to proactive; implemented readiness probes for zero-downtime rolling updates.
- Sustained zero major incidents for a long-term-support analytics platform and resolved a production JVM-hang risk with a 4-5 hour critical hotfix.
- Built a Model-Context-Protocol (MCP) integration over an enterprise DB2 schema, laying secure groundwork for natural-language (Text2SQL) analytics; delivered the first-in-company Google Secret Manager integration (atomic rotation, least-privilege IAM) to eliminate hard-coded credentials.
- Led an AI-augmented test-coverage program across an Angular + Spring Boot service pair, lifting coverage from roughly 10-15% to 70-85% (100% on a critical module) across 50+ modules at \$0 added budget; cut code-review and documentation cycle time roughly 10x via git-context automation adopted as a team standard.

Software Engineer II — Zebra Technologies

Sep 2020 – Nov 2022

Pune, India

- Built Jenkins-on-GCP CI/CD with GKE + Helm deployments and self-service release pipelines; led SVN-to-Git and MongoDB-to-Atlas migrations off legacy infrastructure.
- Cut cloud COGS/OpEx by automating off-peak GKE pod down-scaling without availability loss, and hardened the GCP estate (security-center findings, RHEL/Jenkins auto-update, Artifactory) while mentoring new hires and owning full-stack environment setup.

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), shipping production features that managed thousands of records.
- 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*

Privacy-first browser-history search engine with optional local AI; 1,233 unit + 45 E2E tests, 9 ranking scorers, opt-in permission model. Published to the Chrome Web Store.

Samvada Studio *React 18, TypeScript, Vite*

Multi-provider LLM chat workspace (6 providers, 35+ power-user features, in-memory key security). Launched on Product Hunt; part of 10+ public repositories and an active engineering blog.

TECHNICAL SKILLS

Languages: Java, Python, TypeScript/JavaScript, SQL, Bash, Groovy

Backend: Spring Boot, REST APIs, Microservices, Spring State Machine, Node.js, Maven

Data: MongoDB / Atlas, MySQL, PostgreSQL, DB2, ETL

Cloud (GCP): Cloud Run, GKE / Kubernetes, Compute Engine, Secret Manager, Cloud SQL, IAM

DevOps / Reliability: Docker, Helm, Jenkins, GitHub Actions, CI/CD, readiness probes, rolling updates, Trivy

Practices: System design, microservices decomposition, DevSecOps, Agile / SAFe, technical writing, mentoring

AI (modernization): GitHub Copilot custom agents, Model Context Protocol (MCP), prompt engineering, Text2SQL

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