

Contact

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[www.linkedin.com/in/
lakshaysachdeva](https://www.linkedin.com/in/lakshaysachdeva) (LinkedIn)

Top Skills

Artificial Intelligence (AI)
Python (Programming Language)
Flask

Languages

Hindi (Limited Working)
English (Professional Working)

Certifications

IBM Certified Architect - Cloud Solutions v3

Microsoft Certified: Azure AI Engineer Associate

Publications

International Journal of Scientific Research Engineering &Technology (IJSRET)

Lakshay Sachdeva

Applications Tech Lead - Ecommerce
Bengaluru, Karnataka, India

Summary

Application Tech Lead with a decade of experience designing and delivering scalable, event-driven, and production-grade systems using GoLang, Java, Spring Boot, Kafka, and Azure.

I specialize in distributed systems, microservices architecture, multithreading, and high-performance backend engineering.

At Victoria's Secret, I have developed large-scale applications and re-architected mission-critical microservices to enhance reliability and performance.

Core strengths include:

Designing modular, resilient, and cloud-native microservices
Building event-driven pipelines capable of processing terabyte-scale data
Optimizing latency, throughput, and overall system reliability
Writing clean, maintainable code aligned with SOLID principles and clean architecture
Strong problem-solving skills in DSA, system design, and multithreading
Thriving in fast-paced Agile environments with cross-functional collaboration

I am passionate about building high-performance backend systems, optimizing distributed architectures, and solving complex engineering challenges at scale

Experience

Victoria's Secret & Co.

2 years 10 months

Applications Tech Lead

April 2025 - Present (9 months)

Bengaluru, Karnataka, India

Architected and delivered high-performance microservices powering product listing and description pages for a leading e-commerce platform. Leveraged GoLang, Kafka, and MongoDB to build scalable, event-driven systems capable of handling millions of requests daily.

Impact Highlights:

Reduced API latency by 30% and page load time by 35% through caching and CDN optimization.

Increased organic traffic by 20% via SEO enhancements on product detail pages.

Achieved 99.9% uptime and improved system reliability with robust distributed architecture.

Accelerated deployments by 60% using Kubernetes, Harness, and Jenkins.

Enhanced monitoring and troubleshooting with Grafana, Prometheus, and Azure Monitor, cutting MTTR by 50%.

Senior Software Engineer

March 2023 - April 2025 (2 years 2 months)

Bengaluru, Karnataka, India

Infosys

Specialist Programmer

September 2019 - February 2023 (3 years 6 months)

Bengaluru, Karnataka

Rest API Development using Java, Microservices, Golang, Spring, Hibernate, Kafka

1. Led design and development of Java Spring MVC / Spring Boot microservices for financial accounting modules including demand and refund management, invoice generation, and receipt accounting, ensuring compliance with government and audit standards.
2. Drove migration of legacy PL/SQL-based systems to modern Java microservices by refactoring business logic, converting stored procedures into service layers, and improving performance, scalability, and maintainability.
3. Implemented end-to-end demand and refund workflows, covering demand creation, adjustments, interest calculation, refund validation, challan processing, payment acknowledgments, and reconciliation with banking systems via REST and batch integrations.

4.Containerized applications using Docker and deployed on Kubernetes (IBM Cloud) with rolling deployments and autoscaling; optimized database design, batch processing, and collaborated with stakeholders in an Agile/Scrum environment to deliver secure, highly available systems.

Cognizant

3 years 6 months

Associate

April 2019 - September 2019 (6 months)

Bengaluru, Karnataka

Worked for the Metlife Insurance USA in Retail, Group Domain.

1. Designed and developed Spring Boot microservices for policy management, group enrollment, exposing secure REST APIs for policy lifecycle, enrollment, and claim processing.
2. Implemented MongoDB data models and repositories using Spring Data for policies, members, claims, and benefits; optimized queries, indexing, and aggregations for high-volume insurance data.
3. Integrated Spring Security (JWT/LDAP) for role-based access (agents, employers, admins) and enforced business rules for underwriting, eligibility, and claim status workflows.
4. Built event-driven integrations using Kafka for policy issuance, enrollment updates, and claim notifications, enabling asynchronous processing across downstream systems.
5. Actively participated in Agile development, writing unit/integration tests, performing code reviews, supporting CI/CD deployments, and resolving UAT and production issue

Programmer Analyst

April 2016 - April 2019 (3 years 1 month)

ESB Middleware and Integration

Education

Suresh Gyan Vihar University

Master of Technology, Electrical, Electronics and Communications

Engineering · (July 2013 - 2015)

Gyan Vihar School of Engineering and Technology

Bachelor of Technology (B.Tech.), Electronics and Communications
Engineering · (2010 - 2014)