

Lokesh Sukhwal

Portfolio: <https://lokesh-portfolio-nu.vercel.app/>
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EDUCATION

- Rajasthan Technical University** Kota, India
Bachelor of Technology - Computer Science and Engineering; GPA: 7.0 July 2017 - June 2022

SKILLS SUMMARY

- Languages:** Java (8/11/17), SQL, Python, JavaScript, Bash
- Frameworks:** Spring Boot, Spring MVC, Spring Security, Spring Cloud, Hibernate/JPA, REST APIs
- Microservices:** Apache Kafka, RabbitMQ, Spring Cloud (Eureka, Gateway, Config), Resilience4j
- Databases:** PostgreSQL, MySQL, MongoDB, Redis, Cassandra
- DevOps & Cloud:** Docker, Kubernetes, Jenkins, GitLab CI/CD, Terraform, AWS (EC2, S3, RDS, Lambda), Azure
- Tools:** Git, Maven, Gradle, SonarQube, JUnit, Mockito, Postman, Swagger, ELK Stack, Grafana, Prometheus
- Architecture:** Microservices, Event-Driven Architecture, RESTful APIs, Design Patterns, System Design

EXPERIENCE

- Arcgate** Hybrid
Software Research Analyst (Full-time) December 2024 - Present
 - Technology Research:** Conducting in-depth analysis on emerging software technologies and architectural patterns to drive innovation in enterprise systems.
 - Solution Prototyping:** Evaluating and prototyping cutting-edge solutions for scalable, distributed applications and microservices architecture.
 - Technical Leadership:** Providing architectural recommendations and best practices for system design decisions across multiple projects.
- Helson Software Solutions Pvt. Ltd.** Hybrid
Software Engineer (Full-time) June 2022 - December 2024
 - Enterprise Application Development:** Developed and maintained Java applications serving 100K+ users with 99.8% uptime using Spring Boot and microservices.
 - API Development & Integration:** Designed RESTful APIs and integrated third-party services, processing \$2M+ in transactions monthly with 45% faster response time.
 - Performance Optimization:** Optimized database queries and implemented Redis caching strategies, improving application performance by 60%.
 - Quality Assurance:** Implemented comprehensive testing using JUnit and Mockito, achieving 80% code coverage and reducing production bugs by 35%.
 - Agile Development:** Collaborated with cross-functional teams delivering 15+ features per sprint cycle and mentored 3 junior developers.

PROJECTS

- Distributed E-Commerce Microservices Platform (Spring Boot, Kafka, Kubernetes, Redis, PostgreSQL):** Architected microservices-based platform handling 50K+ daily transactions with 99.9% uptime. Implemented event-driven architecture using Kafka reducing order processing time by 65%. Deployed on Kubernetes with auto-scaling achieving 40% cost reduction. Integrated distributed tracing with Zipkin and monitoring with Grafana. Tech: Spring Boot, Spring Cloud, Apache Kafka, Redis, Docker, Kubernetes, Jenkins (June '23)
- Real-Time Analytics Engine for Data Streams (Apache Kafka, Flink, Spring Boot, Cassandra):** Built high-throughput analytics engine processing 5M+ events/day with sub-second latency. Developed stream processing pipelines using Apache Flink with windowing operations. Created interactive dashboard with WebSocket integration for live metrics. Optimized Cassandra queries reducing response time from 2s to 200ms. Tech: Apache Kafka, Apache Flink, Spring Boot, Cassandra, WebSocket, React (March '23)
- Enterprise Authentication & Authorization System (Spring Security, OAuth2, JWT, Keycloak):** Developed enterprise-grade authentication supporting OAuth2/JWT for 10K+ users across 50+ tenant organizations. Implemented RBAC with 20+ granular permissions and multi-tenant data isolation. Integrated SSO with social providers and enterprise SAML/LDAP. Ensured GDPR compliance with audit logging and AES-256 encryption. Tech: Spring Security, OAuth2, JWT, Keycloak, PostgreSQL, Redis (September '22)

CERTIFICATIONS & LEARNING

- Problem Solving:** Solved 300+ problems on LeetCode and HackerRank specializing in Data Structures and Algorithms
- Open Source Contributions:** Contributed to open-source projects on GitHub with 50+ stars across repositories
- Technical Writing:** Published articles on Medium/Dev.to covering Spring Boot best practices and microservices patterns
- In Progress:** AWS Certified Solutions Architect - Associate, Oracle Certified Professional: Java SE 11 Developer

HONORS AND AWARDS

- Winner of 2nd Place at Company Hackathon for API Optimization Solution - 2023
- Best Performance Award for delivering critical features ahead of schedule - 2023
- Recognized for mentoring junior developers and improving team code quality - 2024