

# Shyam Kulkarni

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Highly skilled Backend **Java Developer** with extensive experience in developing, optimizing, and maintaining enterprise-grade applications. Proficient in Java with additional expertise in **ReactJS**. Adept at building scalable microservices using **Spring Boot**, Hibernate, and Spring Security. Experienced in database management, CI/CD pipelines, cloud platforms, and migration projects. I am passionate about high-performance computing, Elasticsearch, and batch processing with Spring Batch.

## Technical Skills

- **Programming Languages:** Java 8/11/17, JavaScript (ReactJS)
- **Frameworks & Libraries:** Spring Boot, Hibernate, Spring Security, Spring Batch, ReactJS
- **Search & Indexing:** Elasticsearch
- **Testing & Quality Assurance:** JUnit, Mockito
- **Databases:** MySQL, Oracle
- **Version Control:** GitLab, GitHub, Azure DevOps
- **CI/CD & DevOps:** Jenkins, Docker
- **Messaging & Event Processing:** Kafka
- **Data Processing & Storage:** ChronicleMap
- **Batch Processing:** Spring Batch, JDBC Paging, File-based Processing
- **API Development:** RESTful APIs,
- **Database Querying:** Native Queries, JDBC, Spring Data JPA
- **Performance Optimization:** Caching (Redis), Connection Pooling, Multi-threading
- **Software Development Practices:** Agile
- **Migration Projects:** Legacy to Java 8, Java 8 to Java 17 Migration

## Professional Experience

### *Creospan | Flow360 (Verizon)*

March 2023 - Present

- Developed a web portal for tracking orders, featuring 6-7 microservices handling various operations.
- Built the user interface using React for a responsive and dynamic experience.
- Implemented robust API integrations for seamless communication between microservices.
- Technologies Used: Spring Boot, Spring Security, Elasticsearch, ReactJS, Oracle, Gradle.

### *Creospan | Global Search (Verizon)*

January 2024 - Present

- Developed a Spring Batch application for processing data from Oracle and integrating with Elasticsearch.
- Designed efficient batch jobs and error handling mechanisms.
- Utilized Spring Boot, Elasticsearch, and Gradle for a scalable solution.
- Technologies Used: Spring Boot, Spring Batch, Elasticsearch, Oracle, Gradle.

### ***Applied AI Consulting | Gamma (Nissan)***

**June 2022 - March 2023**

- Developed a Spring Boot microservice application for gathering and processing data from Leaf and Ariya vehicles.
- Implemented business logic for data transformation and ensured data delivery to the destination.
- Hosted the application on AWS for scalability and reliability.
- Technologies Used: Spring Boot, Spring Batch, AWS, Maven.

### ***Applied AI Consulting | Spacelab Healthcare (CVS Health)***

**June 2021 - May 2022**

- Developed a Patient Management System using Spring MVC, featuring over 10 microservices with role-based permissions.
- Implemented databases using MySQL and PostgreSQL.
- Utilized the Vaadin framework for the user interface to provide an interactive experience.
- Technologies Used: Spring MVC, Vaadin, MySQL, PostgreSQL, Microservices.

### ***TCS | Generic Feed Loader Automation (AT&T)***

**April 2019 - June 2021**

- Developed an automation tool using Spring Boot and ReactJS to onboard multiple projects simultaneously.
- Enabled uploading and managing data files across various data tables.
- Incorporated features such as cost advantages, validation checks, history tracking, and backward compatibility.
- Technologies Used: Spring Boot, Spring Batch, ReactJS.

## **Education**

**BTech | Government College of Engineering, Amravati | 2016 - 2019**

**Diploma | Government Polytechnic, Amravati | 2013 - 2016**