

# Irshad A. Schowrai

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## Professional Summary

- Experienced Java Full Stack Developer with 6+ years of expertise in Java, Spring, and ReactJS web applications. Optimized application performance, increased user engagement, and ensured high code quality. Skilled in Java8 features like Lambda expression, Stream API, RESTful API, Microservices, Spring Batch. Docker, and Agile.

## Skills

- Java, Spring, ReactJS, Python, HTML5, CSS3, Bootstrap, Microservices, RESTful API, Redis, Linux/Ubuntu.
- Git, GitHub, Docker, Postman API, Jenkins AWS (EC2, S3, DynamoDB, SQS, Lambda), ADF, ADLS.
- JDBC, Spring Data JPA, Spring Security, MongoDB, MySQL, PostgreSQL, MSSQL, Jira, Azure DevOps.

## Work Experience

- EY (Ernst & Young)** – Senior Consultant | Bangalore – India | US client May 2021 – Dec. 2021  
Java, Spring Boot, Maven, ReactJS, MongoDB, Redis, AWS, S3, Docker, Git, Prometheus, Grafana, Agile
- Accelerated the user interface development process by 35% through implementation of component-based architecture with React and Redux and leveraged React Hooks to simplify stateful logic in components.
  - Developed an interactive dashboard with React and Chart.js, boosting customer data visualization capabilities.
  - Developed a paginated, sorted, and filtered API response in Spring Boot with parameterized and data-targeted queries, saving up to \$6MM in costs through efficient model analysis and optimized data retrieval.
  - Orchestrated ETL processes using Spring Batch to define jobs with extraction, transformation, loading steps, and managed transaction handling, increasing data processing reliability by 30%.
  - Implemented a caching system using Redis, which decreased the load times for high-traffic features by 20%.
  - Increased application speed by 30% by upgraded the database from SQL to NoSQL using MongoDB.
  - Documented REST API services with Swagger and conducted unit testing with JUnit and Mockito frameworks.
  - Configured Prometheus and Grafana with Docker for monitoring real-time metrics and performance.
  - Worked in Agile methodologies with Jira and applied Git for version control and Jenkins for CICD pipeline setup.
- JK Techno soft Pvt Ltd** – Senior Developer – Backend Developer | Noida – India | US Client Sep. 2020 - May 2021  
Java, Spring Boot, Microservice, PostgreSQL, Prometheus, Grafana, Jira
- Worked in securing API Gateway endpoints in Spring Boot with Spring Security for fast development and secure application and leveraging JWT for authentication which enhanced system security by 50%.
  - Spearheaded the migration of legacy applications to microservices, leading to a 35% increase in application efficiency and a reduction in server costs by 20%.
  - Microservices communicated using OpenFeign and integrated Resilience4j, achieving a 30% reduction in downtime incidents through advanced circuit breakers, retries, and fallback mechanisms.
  - Processed data efficiently using data structures and algorithms, resulting in 40% faster processing times and a 25% decrease in memory usage, significantly improving overall system performance and resource utilization.
  - Applied Spring Integration for real-time ETL operations, managing system messaging, transformation, and integration with external APIs, improving data processing efficiency by 25%.
  - Accelerated data retrieval and application performance by implementing database indexing, query optimization, and caching strategies, resulting in a 30% reduction in response times.
- Victory Packaging Industry** – Operation Analyst | India Jun. 2014 – Dec. 2019  
Java, Maven, JSP, Servlet, JDBC, MySQL, Junit
- Developed and REST APIs, to handle high-volume data retrieval tasks, achieving a 5-fold reduction in data retrieval time through SQL query.
  - Optimized JSP and Servlet by performance by refactoring code, caching mechanisms and apply design patterns, resulting in a 40% reduction in response time and improved user experience metrics by 25%.
  - Designed and implemented a batch processing solution for automated data extraction, processing, and bulk insertion into a MySQL database, reducing weekly manual data handling time by 50 hours.

## Education

Clark University United States	Master of Science in Computer Science	Jan. 2022 – Dec. 2023
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## Certificates

- Oracle Java Explorer** – Scored 100% in Oracle Java Explorer Jan.2024
- Forage Walmart Global Tech** – Advanced Software Engineering Job Simulation. Oct. 2023