

# 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. Proven track record of optimizing application performance, reducing bugs, and improving code quality, resulting in increased user engagement and revenue growth. Skilled in RESTful web services, automated testing, and microservices.

## Skills

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

## 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
- Developed interactive web applications employing ReactJS and Spring Boot, facilitating a 20% increase in client engagement.
  - 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.
  - Created paginated, sorted, and filtered responses for clients using parameterized and targeted data in Spring.
  - Utilized Redis caching to enhance application responsiveness through reduced database load, as well as Amazon S3, DynamoDB, and RDS to efficiently manage files and data.
  - Increased application speed by 30% by upgrading the database from SQL to NoSQL using MongoDB.
  - Improved code quality by 15% through thorough unit and integration testing using Junit, and Mockito.
  - Integrated Spring Actuator with centralized monitoring using Prometheus and Grafana, creating dashboards and alerts for real-time insights into system performance and application health within microservices.
  - Worked with Agile methodologies and SCRUM processes to deliver releases on time and utilized Git for version control and Jenkins for CICD pipeline setup, including project builds and Docker images.
- 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 with robust authentication and authorization mechanisms using Spring security, achieving a 36% reduction in unauthorized access attempts and ensuring data integrity.
  - Improved system stability during high-load scenarios by implementing advanced circuit breakers, retries, and fallback strategies using OpenFeign and Resilience4j.
  - Optimized data processing and retrieval using data structures and algorithms, enhancing application performance and scalability.
  - Reduced integration time by 29% for external teams by testing with Swagger for API testing.
  - Implementing database indexing, query optimization, and caching strategies to accelerate data retrieval and enhance application performance.
- Victory Packaging Industry** – Operation Analyst |India Jun. 2014 – Dec. 2019  
Java, Maven, Servlet, JDBC, MySQL, Junit
- Developed and optimized REST APIs, to handle high-volume data retrieval tasks, achieving a 5-fold reduction in data retrieval time through SQL query.
  - Optimized and refactored complex server-side logic in JSP and Servlets, leading to a 30% improvement in application response times and a more scalable, maintainable codebase.
  - 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