Irshad A. Schowrai

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Professional Summary

- Experienced backend developer with 6 years of expertise in RESTful API development and system integration. Proficient in enhancing application usability and performance, utilizing technologies like Spring Boot, React.js, Redis caching, AWS services and database management. Skilled in designing secure API endpoints and optimizing database.

Skills

Language: Java, Python, HTML, CSS, JSON.	**AWS Cloud Service**: EC2, S3, DynamoDB, SQS, Lambda.
Framework: Spring Boot, ReactJS, Flask.	**Azure Cloud Service:** Azure Data Lake, Azure Data Factory, Azure SQL Database, Azure Function.
Server: Apache web server, Apache Tomcat.	
Tools: Git, GitHub, Docker, Postman, Selenium, Kafka.	**DBMS :** MongoDB, PostgreSQL, MySQL, MSSQL, Cassandra.

Work Experience

EY (Ernst & Young) – US client   May 2021 – Dec. 2021
  Senior Consultant – Backend Developer

- Contributed to the implementation of logical, statistical, and time intelligence calculations within backend systems using Spring Boot, enhancing data analysis capabilities.
- Worked on React.js components, making the application easier to use and more engaging.
- Utilized data structures and algorithms to optimize data processing and retrieval, improving application performance and scalability.
- Implemented Redis caching, improving application responsiveness by reducing database load.
- Used AWS S3, DynamoDB, and RDS for effective file and data management in Java applications using spring boot.
- Designed and implemented secure API endpoints using AWS API Gateway, ensuring data integrity, and achieving a 36% reduction in unauthorized access attempts.
- Worked on comprehensive unit tests and statistical validations to ensure the accuracy of calculated results.

JK Techno soft Pvt Ltd – US Client   Sep. 2020 - May 2021
  Senior Developer – Backend Developer

- Worked with diverse teams, to collect requirements and design scalable solutions to achieve project goals.
- Developed scalable backend systems with core-Java, resulting in a 32% improvement in application performance.
- Implemented Swagger for API testing, which reduced integration time by 29% for external teams.
- Created Eureka Discovery client, speeding up service registration and organizing 15 microservices.
- Integrated Feign clients for efficient communication, improving data retrieval and operations.
- Analyzed and extracted data to generate insightful reports for material management and decision-making.
- Managed database in MYSQL to optimize queries reducing response time by 33% for critical data operations.

Victory Packaging Industry - India   Jun. 2014 – Dec. 2019
  Operation Analyst

- Developed and optimized REST APIs, to handle high-volume data retrieval tasks, achieving a 5-fold reduction in data retrieval time through SQL query optimization and database sharding on PostgreSQL RDS.
- Implemented monitoring and logging solutions to track application performance and troubleshoot issues.

Education

Clark University United States.	Master Of Science in Computer Science	Jan. 2022 – Dec. 2023

Project Work

- **Fileserver Challenge (Microservices Project):** GitHub Repository Link   Jan. 2024
  - Fileserver reduces integration efforts for external teams by 29% by simplifying file tasks like uploading, downloading, and deleting. It enhances responsiveness to load file metadata asynchronously at startup. In addition to a user-friendly interface, the caching mechanism allows users to access the application more quickly.

Certificates

- **Oracle Java Explorer - Jan/2024** – Scored 100% in Oracle Java Explorer Assessment, showcasing comprehensive mastery of Java programming and earned the prestigious Explorer Badge for excellence.