Irshad A. Schowrai

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Professional Summary

- Having 6+ years of experience as a Java Backend Developer, I am seeking a position that utilizes my skills and knowledge to improve the user experience with reliable, efficient and reliable backend services. I am passionate about developing backend systems, collaborating with front-end developers, troubleshooting bugs, and resolving any customer complaints. It is my goal to contribute to the organization's success and the success of the project by delivering the best solutions and achieving the best results.

Skills

- Java, Spring Boot, ReactJS, Python, HTML5, CSS, Microservices Architecture, RESTful API, OOPs, Redis Caching.
- Git, GitHub, Docker, Postman API, AWS (EC2, S3, DynamoDB, SQS, Lambda).
- MySQL, MongoDB, PostgreSQL, MSSQL, Agile/Scrum Methodologies, Data Manipulation and Analysis.

Work Experience

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

- Participated in Agile development processes and Scrum meetings, resulting in a 20% increase in project completion rate and a 15% reduction in project costs.
- Worked closely with cross-functional teams such as front-end developers, product managers, and QA engineers to ensure seamless integration of backend systems with other components of the application.
- Designed and implemented a microservice architecture using Spring Boot, Java, Eureka, OpenFeign, and RESTful APIs, following object-oriented principles and best practices to enhance application performance and scalability.
- Designed and implemented secure API endpoints with robust authentication and authorization mechanisms, achieving a 36% reduction in unauthorized access attempts and ensuring data integrity within the system.
- Leveraged AWS S3, DynamoDB, and RDS to seamlessly manage file and data storage in Java applications developed using Spring Boot, and integrated Redis for improved data search functions and an increase in product performance.
- Implemented automated testing using JUnit, Mockito and WireMock, reducing the number of bugs by 30% and improving overall code quality by 25%.

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

- Developed API gateways using Netflix Zuul for routing and filtering requests to microservices.
- Created Eureka Discovery client, speeding up service registration and organizing 15 microservices and Integrated Feign clients for efficient communication, improving data retrieval and operations.
- Integrated Circuit Breaker patterns using Resilience4j and Netflix Hystrix to handle faults, latency, and failures in distributed microservices.
- Worked on Redis caching within a Microservices architecture, significantly enhancing application responsiveness by reducing database load and optimizing data retrieval.
- Develop and execute unit tests, integration tests, and end-to-end tests for microservices to ensure functionality, performance, and reliability.
- Developed scalable application with Java in backend, leveraging MySQL for efficient data storage and retrieval, resulting in a 32% improvement in application performance.
- Utilized CI/CD pipelines using tools like Jenkins to automate build, test, and deployment processes of microservices.
- Implemented Spring Actuator for monitoring and logging solutions to track application performance and troubleshoot issues.

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

- Implemented a solution for automated data extraction, processing, and batch insertion into an SQL database, resulting in a weekly saving of 50 hours previously spent on manual data handling.
- Optimized database queries, reducing server load by nearly 15% and boosting overall application performance.
- Conducted regular performance monitoring and optimization, increasing the stability and reliability of the application and improving customer satisfaction by 30%.

Education

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

Certificates

- **Oracle Java Explorer** – Scored 100% in Oracle Java Explorer   Jan.2024