

# Mohammed Ibrahim Sohaib

Full Stack Developer

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## SUMMARY:

- Over 4+ years of experience in Java and full-stack application development using **Java 8**, **Spring Boot**, **Hibernate**, and **React.js**, with a strong focus on Agile and SDLC methodologies.
- Extensive expertise in building robust backend systems with **Spring Boot**, **Spring Batch**, **Spring Security**, **Hibernate**, **JDBC**, and **RESTful/SOAP Web Services**.
- Proficient in front-end technologies such as **React.js**, **Angular**, **JavaScript**, **HTML5**, **CSS3**, **Bootstrap**, and **jQuery**, with hands-on experience in designing responsive and reusable UI components.
- Deep knowledge of **Cloud platforms (AWS, Azure)** and proficiency in containerization with **Docker** and **Kubernetes**, streamlining deployments and enabling scalable, reliable applications in cloud environments.
- Skilled in developing and managing **CI/CD pipelines** using **Jenkins**, **Docker**, **Gradle**, and **Maven**, automating deployments to reduce errors and accelerate release cycles.
- Strong background in **database management** with **MySQL**, **PostgreSQL**, **MongoDB**, and **NoSQL**, optimizing complex queries for improved performance and scalability.
- Expertise in **real-time data processing** using **Apache Kafka** and implementing **event-driven architectures** that enhance system performance and reliability.
- Experienced in **version control** and **project management** tools like **Git**, **GitHub**, **Jira**, and **Trello**, improving team collaboration and project tracking.
- Proven track record of optimizing system performance, enhancing security protocols with **Spring Security**, and improving user engagement through intuitive UI designs.
- Proficient in using monitoring, logging, and tracing tools like **Zipkin**, **Prometheus**, **Grafana**, and the **ELK Stack** to ensure application reliability, system performance, and operational transparency.
- Collaborative team player with excellent **communication** and **interpersonal skills**, known for working effectively across cross-functional teams.

## SKILL SET:

**Front-end Technologies:** HTML5, CSS3, JavaScript, React.js, Bootstrap, jQuery, AJAX, Redux

**Back-end Technologies:** Java, Spring Boot, Spring MVC, Spring Security, Hibernate, Microservices, RESTful APIs, Maven, JDBC, JPA, Thyme leaf, XML

**Databases:** MySQL, MongoDB, PostgreSQL, NoSQL, Oracle, MS SQL Server

**Tools and Technology:** Amazon Web Services (AWS), Microsoft Azure, Docker, Kubernetes, Terraform, Git, GitHub, JIRA, Kafka, Jenkins, Agile, Scrum, SDLC, Maven, Gradle, JUnit, Mockito, Postman, Data Structures and Algorithms, Prometheus, Grafana, Zipkin, ELK Stack (Elasticsearch, Logstash, Kibana)

## PROFESSIONAL EXPERIENCE:

### ServiceNow | Aug 2023 – Current | Role: Java Full Stack Developer

- Developed and optimized scalable ITSM applications used by 10,000+ employees across the organization, using **Java 8**, **Spring Boot**, and **React.js** in a microservices architecture, improving system scalability and maintainability.
- Built and maintained 50+ **RESTful APIs** with **Spring Boot**, enabling seamless integration with third-party services and enhancing real-time incident management for 500+ concurrent users.
- Designed and implemented over 30 reusable UI components using **React.js**, **JavaScript**, **jQuery**, **HTML5**, and **CSS3**, improving user interaction and increasing operational efficiency by 40%.
- Integrated **Apache Kafka** for real-time data processing, enabling faster decision-making and improving system reliability, handling up to 1,000+ service requests per minute.
- Ensured robust application security by implementing authentication and authorization protocols with **Spring Security**, safeguarding sensitive IT service data across 100+ internal services.
- Optimized database interactions for 1,000+ records per second through CRUD operations using **Hibernate**, **JPA**, **MySQL**, and **PostgreSQL**, improving query performance and data consistency.
- Integrated **AWS S3** for secure file storage, enhancing cloud-based data management and reducing storage costs by 25%.
- Deployed containerized applications using **Docker** and **Kubernetes**, reducing deployment time by 30% and enabling seamless scaling of services for the growing user base.
- Focused on **integration testing** and **unit testing** for every functionality developed, ensuring robust code quality, early bug detection, and seamless interaction between components using **JUnit**, **Mockito**, and **Postman**.

**MINDTREE | Jun 2018 - Dec 2021 | Role: Java Full Stack Developer**

- Developed and maintained 30+ **RESTful APIs** using **Java**, **Spring Boot**, **JSP**, and **JDBC** to optimize client-server interactions, reducing latency by 20% for 100+ web applications.
- Integrated real-time data processing with **Apache Kafka**, improving event handling efficiency and processing over 500,000 events per day, leading to a 35% increase in system throughput.
- Built and maintained 50+ responsive and reusable UI components using React.js, JavaScript, HTML, CSS, and Bootstrap, resulting in a 40% improvement in user engagement and interface consistency.
- Configured **Grafana** to monitor and visualize performance metrics in real-time, enabling the team to identify and address performance bottlenecks, improving system uptime by 15%.
- Implemented security features using **Spring Security**, safeguarding access to 30+ critical web services and improving data integrity and confidentiality across multiple applications.
- Optimized database queries and performance for 500,000+ records in **MySQL**, **PostgreSQL**, and **NoSQL** databases, reducing data retrieval times by 25%.
- Automated CI/CD pipelines using **Jenkins** and **Maven**, reducing release cycle times by 30% and minimizing deployment errors across 10+ microservices.
- Deployed applications in **Docker** containers on **AWS** and **Azure**, streamlining the deployment process and improving scalability, reducing deployment times by 40%.
- Managed container orchestration with **Kubernetes**, ensuring 99.9% uptime and enhancing the reliability of distributed applications across cloud environments.

**PROJECTS**

❖ **Job Portal Application.**

- **Description:** Designed and developed a comprehensive job portal application using a full stack technology suite: HTML, CSS, JavaScript, Java Spring Boot, and RESTful APIs. Integrated advanced user authentication mechanisms and job search functionality, ensuring secure data handling and role-based access control using Spring Security. Utilized JPA and Hibernate for efficient data management and persistence, resulting in a scalable and responsive application architecture.

❖ **Bank Management System.**

- **Description:** Developed a secure and scalable banking application using a microservice architecture. Built with Spring Boot, Spring Security, and Spring Cloud, the system consists of independent, fault-tolerant modules handling core banking functions like account, transactions, and asset management. Incorporated key patterns such as service discovery for dynamic service communication, centralized configuration for seamless environment management, and distributed tracing for performance monitoring across services. Implemented a Circuit Breaker pattern using Resilience4J to enhance fault tolerance and prevent cascading failures. Employed an event-driven architecture with Kafka to facilitate real-time messaging and ensure efficient communication between services.

**CERTIFICATIONS**

Oracle Certified Java SE 11 Developer(1Z0-819)  
AWS Certified Developer - Associate

**EDUCATION:**

Master of Science in Computer Science | University of North Texas, TX  
Bachelor of Technology in Computer Science | Jawaharlal Nehru Technological University