MD NABI ALAM

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Objectives

Application Development:

- Design and develop high-quality software applications using Java technologies.
- Implement clean, efficient, and maintainable code following best practices and coding standards.

Java Technologies:

- Stay updated with the latest Java technologies and incorporate them into the development process.
- Utilize frameworks like spring, Hibernate, or Spring Boot, or MicroService as needed for specific projects.

Collaboration:

- Collaborate with cross-functional teams, including designers, product owners, and other developers, to understand project requirements and deliver successful solutions.

Testing:

- Write unit tests to ensure the reliability and robustness of the code.
- Conduct thorough testing, including integration testing, to identify and fix bugs.

Database Management:

- Design and interact with databases using technologies such as JDBC or ORM frameworks like Hibernate, JPA.
- Optimize database queries and ensure data integrity.

Web Development (if applicable):

- Develop web applications using Java-based technologies like Servlets, JSP, or frameworks like Spring MVC, Spring Boot, or MicroService.
- Implement Restful APIs for communication between server and client.

Performance Optimization:

- Identify and resolve performance bottlenecks in the application.
- Optimize code and database queries for better efficiency.

Security:

- Implement security best practices in code to protect against common vulnerabilities.
- Be aware of security considerations related to Java applications.

Version Control and Collaboration Tools:

- Use version control systems (e.g., Git, & Bit bucket) effectively for code management.
- Collaborate using tools like JIRA, Confluence, or others as required by the development process.

Learning and Improvement:

- Stay updated on industry trends, best practices, and emerging technologies.
- Continuously improve your skills and contribute to a culture of learning within the development team.

Remember, specific objectives may vary depending on the nature of the projects and the organization you're working for. Always align your goals with the project requirements and the overall objectives of the development team.

Professional Summary:-

This statement describes a software engineer who focuses on achieving results and has more than 3.5 years of experience working with Core Java and J2EE technologies. They have practical knowledge of working with Application/Web servers and are skilled in creating front-end user interfaces using JSP, XML, HTML, CSS, and Bootstrap. Additionally, they have a successful history of collaborating with application development teams throughout the entire Software Development Life Cycle (SDLC).

As for key skills and achievements, they may include specific technical abilities, successful project outcomes, or any notable contributions made during their career.

- **Java Technologies:** Proficient in Java technologies, including JDBC, Servlets, JSP, Spring MVC, Spring Boot, and Restful web services. Extensive hands-on experience in designing and implementing Microservices architecture.
- **ORM Framework:** Experienced in utilizing ORM frameworks like JPA to streamline database operations, ensuring efficiency and optimal performance.
- **Database Management:** Worked with Oracle and H2 databases, demonstrating proficiency in data management, integrity, and optimization of database queries.

- **Front-end Development:** Skilled in developing user-friendly interfaces using JSP, XML, HTML, CSS, and Bootstrap, enhancing the overall user experience.
- **Collaboration:** Effectively coordinated with application development teams, contributing to successful project execution throughout the entire SDLC.
- **Technological Awareness:** Keen on staying up-to-date with the latest advancements in Java technologies and industry trends.

Experience:-

I have been working as a Software Engineer at **Elonex InfoTech PVT Ltd** since August 2020.

Technical Proficiencies:-

Programming Languages:	Core Java, Object-Oriented Programming (OOP), String Manipulation, Multithreading, Exception Handling, Collections, JDBC, Servlets, JSP, Kafka.
Distributed Technologies:	Restful Services, Microservices, Kafka Apache.
Database Management:	Oracle, H2 Database.
Frameworks:	Spring, Spring Boot, JPA/Hibernate, Microservices.
Web/App Servers:	Apache Tomcat, JETTY SERVER.
IDEs:	Eclipse, STS, IntelliJ IDEA.
UI Technologies:	HTML, CSS, JavaScript, Bootstrap.
Tools:	Maven, GIT, GitHub, JIRA, Postman, SonarQube, Jenkins CI & CD.
Operating Systems:	Windows, Linux
Cloud Computing (AWS):	EC2, VPC, ELB, Auto Scaling, Route 53, AWS Lambdas, S3, RDS

Education:-

- Bachelor of Computer Applications (BCA) 2018,

Project details:-

Project Name:	INDUSIND BANK LIMITED
Client:	IndusInd Bank Limited
Language:	Java
Skills Used:	Core Java, Spring Boot, Data JPA, Oracle, Rest API, Maven

- ➢ Banking rule flow to verify customers at different stages.
- ➢ Collection of Several pages to track basic details of the customer, set of services used by customer.

Spring Boot: Employed Spring Boot for rapid development of microservices, ensuring scalability and ease of deployment.

Data JPA: Utilized Data JPA for effective management and persistence of data in the Oracle database.

Oracle: Implemented database operations using Oracle for secure and efficient data storage.

Rest API: Developed and maintained Rest APIs to facilitate seamless communication between different components of the system.

Maven: Managed project dependencies and build processes efficiently using Maven.

Roles and responsibilities:

Design and Development:

Involved in the design and development of crucial modules within the application.

Functional Specifications:

Studied and comprehended functional specifications and architecture, ensuring alignment with project goals.

Application Development:

Developed applications based on specified requirements, contributing to the overall project success.

J2EE Technical Competence:

Designed, developed, tested, and implemented business applications with a high level of J2EE technical competence.

Leveraged technologies such as Spring Boot and JPA for efficient application development.

Deployment:

Deployed Java applications into Apache Tomcat, ensuring seamless execution in the production environment.

Project Experience: ESS (Employment Self Services)

Client: T-Mobile Conversion Reliability

Language: Java

Skills Utilized:

Core Java, Spring Boot, Data JPA, Oracle, Rest API, Maven

Roles and Responsibilities:

- Collaborated in the collection of requirements from Managers, ensuring a comprehensive understanding of project needs.
- Executed user requirements analysis and prepared software functional activities, aligning development efforts with project objectives.

- Took ownership of backend application development and coding, utilizing Core Java, Spring Boot, and Data JPA.
- Managed Oracle databases, implementing Rest APIs to facilitate seamless communication between system components.
- Employed Maven for streamlined project management, ensuring efficient development processes.

Key Achievements:
- Successfully delivered a reliable and efficient Employment Self Services (ESS) system for T-Mobile Conversion.
- Played a key role in requirement gathering and user-centric development, enhancing overall system functionality.

Project Experience: BRS (Bus Reservation System)
Client: 360 Digrii
Language: Java

Skills Utilized:
Core Java, JDBC, JSP, Servlet, Oracle Database

Roles and Responsibilities:
- Led the development and coding of the server-side application using technologies such as Servlet and JSP.
- Implemented Business Logic and Persistence Logic, ensuring robust functionality and data persistence.
- Contributed to requirement analysis, preparing software functional activities to align with user needs.

Key Achievements:
- Successfully delivered the Bus Reservation System (BRS) for 360 Digrii, meeting client specifications.
- Played a crucial role in implementing Business Logic, enhancing overall system functionality.