Meghnad Saha

Technical Specialist

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I am a technically proficient individual dedicated to enhancing organizational value through innovation. I seeks a dynamic and challenging role in the field of JAVA **Integration** applications, Kafka, Spring Core, Spring AOP, Spring Transactions, Spring Boot, Micro Services, REST APIs,, MongoDB, MySql DB and DevOps development within a forward-thinking company. My extensive experience allows for the application and further refinement of my skills and knowledge, ultimately contributing to the organization's success.

SUMMARY

- Having around 6.9 years of working experience in development and implementation of software applications using **Java/J2EE, Core JAVA/Java8, Spring Boot and Micro Services and REST APIs technologies.**
- Working experience on **Spring Core, Spring AOP, Spring Transactions, Spring MVC** and Spring **Webflux**.
- Working experience on **JPA, Hybernate.**
- Working experience on **Node JS.**
- Working experience on **DevOps.**
- Working experience on **MYSQL and DB Design.**
- Working experience on **MongoDB.**
- Working experience on **Elastic Search.**
- Working experience on **Redis, Memcache.**
- Working experience on **Algorithms and Data Structures.**
- Working experience on **Cloud platforms such as Docker and Kubernetes.**
- Working experience on **version control tools like SVN and Git.**
- Working experience on **CI/CD.**
- Working experience on **frameworks for documenting and Designing APIs (like Swagger).**
- Working experience on **REST, Soap Web Services (JAX-RPC, JAX-WS).**
- Working experience with **Eclipse/Spring tool suit(STS) IDE, MAVEN, Log4J, SWAGGER Documents**
- Working experience on **Web Server like Apache Tomcat.**
- Working experience on **Window Family and Linux/Unix/CentOS.**
- Working experience on **Postman and Soap UI.**
- Working experience on **Apache Directory Studio for connecting LDAP server and checking the LDAP user details.**
- Working experience on **Spring Frameworks, Web Services, Java Simple Mail, JMS, EJB, Hibernate.**
- Hands on experience **MVC Architecture.**
- Good understanding of **Object Oriented Analysis and Design Principles.**
- Worked extensively in the **development of Integration/Middleware applications using Core Java, Java 8, Spring, REST, Web Services, Kafka, Java Simple Mail, JPA, EJB, Hibernate, MySQL, MongoDB.**
- Strong emphasis and in-depth knowledge on **OOPS, Java, JSP, Servlet, JDBC.**
- Working experience on **XML, XSLT, XSD, XPATH, WSDL, SOAP.**
- Able to work with **Java/JEE Design Patterns.**
- Strong emphasis and in-depth knowledge on **OOPS, Java, JSP, Servlet, JDBC.**
- Working experience on **XML, XSLT, XSD, XPATH, WSDL, SOAP.**
- Able to work with **Java/JEE Design Patterns.**
- Working experience on **Apache Kafka.**
- Flexible, able to work effectively in a **team environment or as an individual Contributor.**
- Easy learning and flexible to work on different kinds of **API and Technologies.**
- Excellent analytical, communication and mentoring skills prove an asset to Organization.
- Versatile Team Player with **Good Communications and Problem Solving Skills.**
- Quick learner and ability to mingle with the working environment.

TECHNICAL SKILLS

Core Skills	OOPS, JDBC, JPA, Multi threads, Exception Handling, Executor Framework
Enterprise Solutions	JAVA/J2EE (JDBC, Servlet, JSP)
Frameworks	Spring Boot and Micro Services, Spring Core, Spring AOP, Spring Transaction, Spring MVC, Spring JDBC, Spring JMS , Java Simple Mail
ORM	Hibernate, Spring ORM, JPA
Web/Application Servers	IBM Web Sphere, Web Logic, Apache Tomcat
Ides	SpringToolSuit(STS),Eclipse
Tools	Log4j, SLF4J, Junit, Maven, SVN, Jenkins, Swagger Docs, GIT LAB, ZIPKins

Client side Technologies	React,Redux,Angular,HTML,CSS
Integration Technologies	REST, Web Service (JAX-RS, JAX-WS,JAX-RPC)
Operating System	Windows Family, Linux/Unix
DevOps	Docker container, Kubernetes
Messaging Middleware	Apache Kafka
Cache	Redis, Memcache
Programming Languages	Java , Python
XML Technology	XML, XSD, XPATH, WSDL, SOAP, XSLT
Databases	MySql, Oracle 11g, MongoDB
AWS	EC2, S3, SQS, CloudFormation, CloudWatch, Lambda, APIGateway, DocumentDB , RDS ,EKS(Amazon Kubernetes Service) ,ElasticSearch, Amazon Elastic Container Registry (Amazon ECR)
Others	Algorithms and Data Structures
Search Software	Elasticsearch, Logstash (periodical sync up),Kafka (live sync up)

EDUCATION

MCA from KIIT University Hyderabad in 2017

PROFESSIONAL EXPERIENCE

➢ Worked as a **Senior Java Developer** in Insight**,** Remote from **Dec 2023 –   Mar 2024 (**4 Months)

➢ Worked as a **Technical Specialist** in Infovision**,** Hyderbad from **Dec 2022 –   Nov 2023 (**1Year)

➢ Worked as a **Senior Java Developer** Damco Solutions , Noida **From Jun 2022–   Nov 2022** (6 Months)

➢ Worked as a **Senior Java Developer** Xebia IT Architects India Pvt Ltd , Gurgaon   from **Apr 2021–15th Jun 2022** (1Years 3Month)
➢ Worked as a **Senior Java Developer** Mindteck, Banglore from **Feb 2021 – Apr 2021** .3 Months)
➢ Worked as a **Java Developer**   AWC Software Pvt Ltd, Mumbai From **Sep 2018 – Sept 2020** (2 year 1 months)
➢ Worked as a **Java Developer**   Medicea Technology Solutions, Noida from **Jun 2017 – Aug 2018** (1.3 Years)

WORK EXPERIENCE

Project #4 Insight

Designation: Senior Software Devloper

Environment: Java 8, Core Java and J2ee, MySQL, Spring Boot and Micros Services, Mongo DB, Hibernate/JPA ,Angular8, kafka

Team Size: 3
Client: Insight
Location: Remote , India

Project Description:
➢Automated form enforcement typically involves ensuring that the data entered into a form meets certain criteria or follows specific rules. This can include validating inputs, enforcing formatting requirements, and ensuring that all required fields are filled out.

Roles & Responsibilities

➢ As a Java developer working on automated form enforcement, your main responsibilities would include designing, coding, testing, and integrating Java-based solutions for validating and enforcing form data.

Project #3 Building an eCommerce Platform for Verizon

Designation: Technical Specialist

Environment: Java 8, Core Java and J2ee, MySQL, Spring Boot and Micros Services, Mongo DB, Hibernate/JPA ,Angular8, kafka

Team Size: 5
Client: Verizon
Location: Hyderbad , India

Project Description:
➢Verizon, a leading telecommunications company, is looking to expand its services by launching an eCommerce platform. This platform will allow customers to purchase a wide range of products, including smartphones, tablets, accessories, and services such as wireless plans and home internet.
➢ Few of the automated business software's as below
  ➢ Product Catalog, User Authentication, Shopping Cart, Order Management , plan upgrade for esim ,psim and device protections , Search and

Filtering , Reviews and Ratings , Promotions and Discounts,

Roles & Responsibilities

- **Architecture & Development:** Led the design and development of Verizon's eCommerce platform, leveraging Java 8, Spring framework, and Microservices architecture to ensure scalability and flexibility.
- **API Development:** Developed RESTful APIs using Spring framework to enable seamless communication between microservices and front-end applications, enhancing user experience.
- **Front-End Development:** Utilized React, Redux, and TypeScript to build responsive and dynamic user interfaces, ensuring a modern and intuitive shopping experience.
- **Cloud Deployment:** Deployed the eCommerce platform on AWS, utilizing Docker and Kubernetes for containerization and orchestration, ensuring high availability and scalability.
- **Integration:** Integrated Kafka for real-time data processing and messaging, enabling efficient communication between various components of the eCommerce platform.
- **DevOps Practices:** Implemented CI/CD pipelines to automate build, test, and deployment processes, ensuring rapid and reliable delivery of new features and updates.
- **Monitoring & Optimization:** Utilized AWS monitoring tools to monitor application performance and optimize code for improved efficiency and scalability.
- **Collaboration:** Collaborated with cross-functional teams including product managers, designers, and QA engineers to deliver high-quality software solutions aligned with business requirements.
- **Documentation:** Created and maintained technical documentation including design documents, API specifications, and deployment guides to ensure smooth knowledge transfer and onboarding of new team members.
- **Code Review:** Conducted and participated in code reviews to maintain code quality, ensure adherence to coding standards, and promote best practices within the team.

Project #2 Cartonization Optimization for Walmart Inc.

Designation: Java Integration Developer

Environment: Java 8, Spring framework ,Micro-Service , Rest API, React, Redux, TypeScript, AWS, Docker, Kubernetes , kafka, Spring Webflux , Node Js
Team Size: 9
Client : Walmart
Location: Bangalore, India

Project Description:

- Development of optimization its cartonization process in its supply chain to improve efficiency and reduce costs. Cartonization is the process of determining the optimal box sizes and packing configurations for orders to minimize wasted space and reduce shipping costs.

Roles & Responsibilities

- Implemented algorithm for Cartonization automation process for Supply Chain Management and Distribution Client (Walmart Inc) .
- Cartonization is the process of evaluating the items included in an order to determine the number and size of each shipping carton needed. The weight, height, length, and width of each item are used along with basic mathematics to determine the best way to pack each carton.
- Involved in technical problems solving.
- Participated and conducted scrum ceremonies (Agile) and groomed prioritized backlog work.
- Take up complex feature development like batch processing and ETL with the help of Spring batch and Spring Integration.
- Help to improve performance by doing load testing and identifying the bottleneck.
- Focus on higher code quality by doing code reviews and following clean code approaches.
- Unit test cases writing using Junit and Mockito.
- Used Jenkins for CI/CD pipeline and GitHub for pull request reviews and merging.
- Handled technical issues of critical projects on short notice and provided satisfactory solutions .
- Imparted training of different backend frameworks to the team for new projects so that they can get hand-on experience about the same .
- Implemented Kafka Disaster Recovery.

Project #1 Digital Transformation for Kotak Mahindra General Insurance

Designation: Java Integration Developer (in R&D Team)

Environment: Java 8, Core Java and J2ee, MySQL, Redis, Kafka, Spring Boot and Micros Services, DevOps, Docker Container and Kubernetes, Mongo DB, Hibernate/JPA, ,Angular, Spring Webflux , Node Js

Team Size: 5
Client: Kotak Mahindra General Insurance
Location: Mumbai, India

Project Description:

Kotak Mahindra General Insurance is embarking on a digital transformation journey to enhance customer experience, streamline operations, and improve efficiency. The project aims to leverage technology to digitize processes, increase automation, and provide innovative insurance products and services ..
➢ Few of the automated business software's as below

➢ Improved Customer Experience: Digital transformation will enable Kotak Mahindra General Insurance to offer personalized services and faster claims settlement, enhancing customer satisfaction .Operational Efficiency: Automation of processes will reduce manual effort, minimize errors, and improve operational efficiency.
➢ Competitive Advantage: By embracing digital technologies, Kotak Mahindra General Insurance can stay ahead of competitors and adapt to changing market dynamics.
➢ Risk Management: Advanced analytics will improve risk assessment and fraud detection, helping the company mitigate risks effectively.

Roles & Responsibilities

➢ **Java Development:** Utilized Java 8, Core Java, and J2EE technologies to develop innovative solutions for digital transformation initiatives.
➢ **Database Management:** Managed and optimized databases using MySQL and MongoDB for efficient data storage and retrieval.
➢ **Message Brokers:** Implemented Kafka for reliable and efficient messaging solutions in the digital transformation process.
➢ **Spring Boot and Microservices:** Designed and developed microservices architecture using Spring Boot, enabling scalability and flexibility in application development.
➢ **DevOps Practices:** Implemented DevOps practices, including CI/CD pipelines, using Docker containers and Kubernetes for efficient deployment and orchestration.
➢ **ORM Frameworks:** Leveraged Hibernate/JPA for seamless integration of Java applications with databases, ensuring data consistency and integrity.
➢ **Troubleshooting and Debugging:** Identified and resolved complex issues in Java applications, ensuring optimal performance and reliability.
➢ **Collaboration and Teamwork:** Collaborated with cross-functional teams to design and implement digital solutions, aligning with business goals and requirements.
➢ **Documentation:** Documented code, technical designs, and implementation strategies to ensure clarity and maintainability of the digital transformation projects.
➢ **Continuous Learning:** Stayed updated with the latest technologies and best practices in Java development and digital transformation to drive innovation and efficiency in projects.

PERSONAL DETAILS

Father Name   : Meghnad Saha
My DOB   : 24-Oct-1995

Declaration

I hereby declare that all the information given are true and correct to the best of my understanding and given an opportunity in your esteemed organization will deliver   to the best of the expectations.

Date:
Place: (Meghnad)