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| **Sreepriya Emmadi** |
| **Sr. Java/J2EE DeveloperEmail:** **sepriya26@gmail.com** **| Contact: 214-263-6751** |
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| **PROFILE SUMMARY**  |
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| **Around 8 years** of experience in all phases of the Software Development Life Cycle using Java / JEE technologies. Proficient in Core Java, Java collections, and multi-threading, with expertise in designing and implementing Java-based solutions using Servlets, JSP, EJB, JMS, JNDI, and JTA. Skilled in developing microservices and RESTful APIs using Spring framework, Spring Boot, and Spring Data, prioritizing performance and scalability. Adept at ensuring security with Spring Security and creating responsive web interfaces with Spring MVC. Experienced in integrating Hibernate ORM, Docker, and Kubernetes for efficient database interactions and containerization. Proficient in AWS services, web technologies, continuous integration, and Agile methodologies. Effective communicator and problem-solver with a track record of contributing to successful software development projects. |
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| **TECHNICAL SKILLS** |
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| **Programming Languages:** Java (Core Java), Java APIs, Java Collection, Multi-threading, Object-Oriented Design**Java Frameworks:** Struts, Spring, Spring Boot, Spring Data, Spring Security, Spring MVC, Hibernate ORM, Servlets, JSP, EJB, JNDI, JTA, JDBC**Web Technologies:** HTML5, CSS3, JavaScript, jQuery, AJAX, React, Angular**Messaging:** JMS, Kafka**Web Services:** SOAP, RESTful**Web Servers & Reporting:** Apache Tomcat, WebSphere, WebLogic, Jasper Reports**Others:** Agile Methodologies (Scrum, Kanban), JIRA | **Cloud:** AWS (EC2, S3, RDS, EBS, SES, SQS, SNS, ElasticSearch, Lambda, Auto Scaling)**Data Formats& IaC Tools:** JSON, XML, XSLT, Terraform, Cloud Formation**Database Management:** MySQL, DynamoDB, PostgreSQL, MongoDB, Oracle**DevOps and CI/CD:** Jenkins, Maven, ANT, Docker, Kubernetes**Version Control:** Git, GitHub**Testing:** JUnit, Selenium**IDE & Monitoring Tools:** Eclipse, IntelliJ, Net Beans, Splunk, ELK, Log4j  |

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| **PROFESSIONAL EXPERIENCE** |
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| **Experian, Costa Mesa, CA****Sr. Java/J2EE Developer** | **Sep 2022 - Present** |
| * Involved in the full software development lifecycle (SDLC) for complex enterprise-level applications, from requirements gathering and design to implementation and deployment.
* Implemented modules using Core Java APIs, Java collection, multi-threading, and object-oriented designs.
* Implemented Java-based solutions using Servlets, JSP, EJB, JMS, JNDI, and JTA, ensuring high performance, scalability, and reliability.
* Designed and developed microservices and RESTful APIs using Spring framework, Spring Boot, and Spring Data, facilitating seamless integration and modular development.
* Implemented robust security measures with Spring Security, ensuring the protection of sensitive data and adherence to industry standards.
* Developed web applications using Spring MVC, delivering responsive and user-friendly interfaces.
* Integrated Hibernate ORM for efficient database interactions, optimized SQL queries, and enhanced data access layer performance.
* Developed and maintained SOAP-based and RESTful web services, utilizing Docker and Kubernetes for containerization and orchestration.
* Managed and optimized databases, including MySQL and DynamoDB, for data storage, retrieval, and scalability.
* Employed web technologies like HTML5, CSS3, JavaScript, jQuery, AJAX, and React to create interactive and dynamic user interfaces.
* Implemented continuous integration and delivery (CI/CD) pipelines with Jenkins and Maven, automating testing and deployment processes.
* Leveraged AWS services to build and deploy cloud-native applications, including EC2, S3, RDS, EBS, SES, SQS, SNS, ElasticSearch, Lambda, and Auto Scaling.
* **Extensive knowledge of building and maintaining APIs using AWS AppSync and GraphQL with AWS Amplify, ensuring efficient and scalable data communication between the frontend and backend.**
* Worked in a CI/CD environment with Jenkins, Maven, Ansible, AWS, and Terraform and deployed on the WebSphere app server.
* Handled XML and XSLT transformations and JSON data processing to ensure seamless data exchange between systems.
* Configured and optimized Apache Tomcat servers for hosting Java web applications, maximizing performance and uptime.
* Implemented comprehensive unit testing using JUnit and automated functional testing with Selenium, ensuring software quality and reliability.
* Generated dynamic reports and documents using Jasper Reports, enhancing data visualization and reporting capabilities.
* Developed infrastructure as code (IAC) templates with Cloud Formation, ensuring the reproducibility and scalability of AWS resources.
* Collaborated effectively with cross-functional teams using Agile methodologies, tracked progress, and managed tasks with tools like Eclipse and JIRA.
* Monitored and troubleshooted production systems, proactively addressed issues, and ensured high availability.

**Environment:** Core Java, Servlets, JSP, EJB, JMS, JNDI, JTA, Spring, Spring Boot, Spring Security, Spring MVC, Spring Data, Hibernate, RESTful, SOAP, Docker, Kubernetes, MySQL, DynamoDB, HTML5, CSS3, JavaScript, jQuery, AJAX, React, Jenkins, Maven, AWS, XML, JSON, Apache Tomcat, JUnit, Selenium, Jasper Reports, Cloud Formation, Eclipse, JIRA, Agile. |
| **Monocept, Telangana, India****Java/ J2EE Developer** | **Dec 2019 - Dec 2021** |
| * Involved in analysis and design phases of Software Development Life Cycle (SDLC).
* Proficiently developed Java applications using Servlets, JSP, EJB, and JDBC to create robust and scalable solutions.
* Leveraged Spring's IoC (Inversion of Control) and DI (Dependency Injection) principles to enhance code modularity and maintainability.
* Applied AOP (Aspect-Oriented Programming) concepts to separate cross-cutting concerns, improving code organization.
* Utilized JPA for ORM (Object-Relational Mapping) to interact with databases like PostgreSQL and MongoDB seamlessly.
* Created responsive and user-friendly front-end interfaces with HTML, CSS, and JavaScript, including frameworks like Angular.
* Implemented asynchronous operations using AJAX for enhanced user experience.
* Implemented real-time data streaming with Kafka, ensuring efficient data communication within applications.
* Deployed and configured applications on the WebSphere application server, ensuring optimal performance and reliability.
* Parsed and generated XML data, facilitating seamless integration with external systems.
* Implemented lambda expressions to write concise and readable code, improving overall code quality.
* Developed RESTful APIs to enable communication between various components of the system.
* Utilized AWS services to deploy, monitor, and scale applications in a cloud environment.
* Developed connectors AWS Dynamo DB, SQS, SNS, S3 and writing Terraform scripts.
* Utilized AWS Lambda platform to upload data into AWS S3 buckets and to trigger other Lambda Functions including AWS EC2 focusing on high-availability, fault tolerance, and auto-scaling.
* Experience setting up and managing CI/CD pipelines using AWS Amplify Console, enabling automated build, test, and deployment workflows for faster application delivery.
* Collaborated effectively with version control using GitHub, ensuring seamless code integration within the development team.
* Created and executed unit tests with JUnit to verify the functionality and reliability of code.
* Automated the build and deployment process using Jenkins and IntelliJ IDEA for continuous integration and delivery (CI/CD).
* Managed infrastructure as code with Terraform, streamlining the provisioning of resources.
* Containerized applications using Docker, enhancing portability and simplifying deployment while monitoring and troubleshooting with Splunk in an Agile and Kanban development environment.

**Environment:** Java, Servlets, JSP, EJB, JDBC, Kafka, Spring- Ioc, DI, AOP, JPA- ORM, HTML, CSS, JavaScript, Angular, AJAX, PostgreSQL, MongoDB, WebSphere, XML, Lambda expressions, RESTful APIs, AWS, GitHub, JUnit, Jenkins, IntelliJ IDEA, Terraform, Maven, Docker, Splunk, Agile, Kanban. |
| **Mplussoft, Maharashtra, India****Java Developer** | **Aug 2017 – Nov 2019** |
| * Involved in Agile Scrum methodologies to do requirements gathering analysis and planning
* Designed and developed back-end functions with several Java design patterns, such as Data Access Object, Singleton, MVC, and Factory patterns
* Designed Java-based applications using object-oriented programming principles to ensure efficient and organized code.
* Implemented the Spring framework to manage dependencies and achieved modular and maintainable code structures.
* Applied Aspect-Oriented Programming (AOP) techniques to enhance code reusability and separation of concerns.
* Utilized Java Database Connectivity (JDBC) to connect applications with Oracle databases, ensuring data integrity and accessibility.
* Employed Hibernate ORM (Object-Relational Mapping) for efficient data manipulation and storage.
* Created RESTful web services to enable seamless communication between different application parts. Built and configured Spring Boot applications to simplify development and deployment processes.
* Developed and optimized HTML, CSS, and JavaScript code for front-end user interfaces.
* Deployed and maintained applications in AWS, cloud-based environments using its services like EC2, EKS, Lambda, ELB, AWS Elastic, S3, RDS, Route 53, SQS, SNS, Kinesis, Appsync, Cloud Formation, Cloud Watch, Cloud Front, VPC, Subnets, Security Groups.
* Involved in writing Java API for Amazon Lambda to manage some of the AWS services.
* Strong troubleshooting skills to diagnose and resolve issues related to AWS Elasticsearch cluster performance, data ingestion, search functionality, security, or integration with other services.
* Deployed and managed Node.js applications on AWS, utilizing services such as EC2, Lambda, API Gateway, and Elastic Beanstalk.
* Used Git for version control to track and manage code changes collaboratively.
* Worked with JSON for data interchange and integration with various systems.
* Managed project dependencies and builds using Maven to ensure a smooth development workflow. Deployed applications on WebLogic servers to make them accessible to users.
* Utilized JMS (Java Messaging Service) to implement asynchronous communication between different application components for improved performance and scalability.
* Wrote unit tests with JUnit to validate code functionality and identified and fixed bugs early in the development cycle.
* Utilized NetBeans as an integrated development environment (IDE) for efficient coding and debugging.
* Implemented Log4j for effective logging and debugging of application activities.
* Collaborated with Agile teams using JIRA for project management, ensuring timely delivery of software solutions while adapting to changing requirements.

**Environment:** Java, Spring, JDBC, JMS, Oracle, Hibernate, RESTful web services, SpringBoot, HTML, CSS, JavaScript, Git, JSON, Maven, JUnit, WebLogic, NetBeans, Log4j, Agile, JIRA. |
| **Metafic, Karnataka, India****Software Developer** | **May 2015 – July 2017** |
| * Developed and maintained Java-based web applications using the Struts framework, following the MVC architecture.
* Created and fine-tuned Action classes and ActionForms to handle user requests and manage data input.
* Implemented Object-Oriented Programming (OOP) principles to ensure clean and organized code.
* Worked with Hibernate for efficient data persistence and database interaction.
* Collaborated with Servlets and JavaServer Pages (JSP) to create dynamic web pages.
* Designed and styled web interfaces using HTML, CSS, and JavaScript for a user-friendly experience.
* Managed databases and wrote SQL queries to store and retrieve data accurately.
* Addressed security concerns, including cross-site scripting (XSS), to protect web applications from vulnerabilities.
* Utilized Git for version control, ensuring code collaboration and tracking changes.
* Communicated and integrated with RESTful APIs to extend application functionality.
* Used Eclipse IDE for efficient Java development and debugging.
* Utilized Apache Ant for project building and automation tasks.
* Conducted unit testing to ensure the reliability and functionality of code.
* Focused on optimizing both code and database queries for better application performance.
* Worked as part of a team to enhance and maintain software projects, contributing to the success of the organization's software development initiatives.

**Environment:** Java, Struts, MVC, EJB, Hibernate, Servlets, JSP, HTML, CSS, JavaScript, SQL, GIT, RESTful APIs Eclipse, ANT. |
| **EDUCATION DETAILS** |
| * Master's degree in Computer Science, SAU, USA.
* Bachelor's degree in Computer Science, JNTU, India.
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