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SUMMARY:

- Around 8 years of IT experience in Software Development Life Cycle (SDLC) enterprise application design, development, testing, debugging, documentation, deployment, and integration of different software applications.
- Good Experience in Application Software Development and Design, **Object Oriented Design and Analysis**, Technical Documentation, Software Testing and Debugging.
- Excellent implementation knowledge of **JDK 13/11/8**, **Spring**, **Hibernate**, **SOAP** and **RESTful Web Services**, **JDBC**.
- Involved in development, design and implementation front using **HTML5**, **CSS3**, **jQuery**, **JavaScript**, **AJAX**, **JSON** and **Bootstrap**.
- Expertise in developing **REST API** based Micro Services and hosting them on the cloud using **Spring Boot**, **Docker** and **Azure Cloud**.
- Expertise in using **AWS** services like **S3 bucket** and **Lambda** functions, **Azure** services like **Blob storage**, **Azure scheduler** and **Azure Kubernetes services**.
- Expertise in Rapid Application Development and Deployment using **Spring Boot** and in containerization of the application using **Docker** and **Helm**.
- Expertise in development of multi-tiered web-based enterprise applications using **J2EE** technologies like **JSF**, **Servlets**, **JSP**, **JDBC**, **Java Beans**.
- Experience in **RDBMS** using **MySQL**, **Oracle**, **SQL Server**, **DB2** and **NoSQL** databases like **Mark logic**, Storages like **AWS S3 bucket** and **Azure Blob Storages**.
- Involved in configuring, deploying applications on **TC server**, **WebSphere**, **WebLogic** on Linux, and Windows platforms.
- Extensive experience in Design, Development, and implementation of **Model-ViewController (MVC)** using **Spring** and **JSF** Frameworks.
- Experience in creating build scripts using **Ant**, **Gradle** and **Maven**. Strong **TDD** (test driven development) and continuous integration experience using **JUnit**, **Mock Framework**, **Mockito**.
- Proficient in developing **UML diagrams** using **PlantUml** and **Visual Paradigm**.
- Strong Experience with version control tools such as **SVN**, **Bit Bucket**, **GIT**.

EDUCATION:

- Bachelor of Technology, Electronics and Communication Engineering from BVRIT, India
- Master of Science in Computer Science, Villanova University, PA

TECHNICAL SKILLS:

Languages	Java (JDK 13/11/8/7), C/C++, PL/SQL.
Web Technologies	Servlets, JSP, HTML, jQuery, DHTML, CSS, XML, XSD, XSL, REST, SOAP & WSDL, Java Script, HTML5, CSS3.
Azure & AWS Services	Blob Storage, Azure SQL Database, Azure Scheduler, AWS S3.

Project Methodologies	Agile/ Scrum, TDD, Continuous Delivery and Waterfall.
Operating Systems	Windows, Unix, Sun Solaris, Linux (Fedora/Ubuntu).

J2EE Technologies	EJB, JMS, Servlets, JSP, JDBC, JNDI, XSD, JAXB, web services, Restful web services, Micro Services
Web/Application Servers	Spring Boot, Web Logic Server, Web Sphere Application Server, TC Server
Database	DB2, Oracle, SQL Server, MYSQL, MarkLogic
Java Frameworks	Spring (IOC, MVC, AOP, Annotations, JDBC Template, Hibernate Integration, Spring Data), Spring Boot, Hibernate, Log4J.
IDE	STS, Eclipse, NetBeans, IntelliJ.
Design Tools	Rational Rose, Visual Paradigm, Microsoft Vision.
Testing Frameworks	Junit, Mockito, Selenium, Selenium Web Driver, SOAP UI, Postman, Cucumber, Gherkin, Jasmine, Karma, Mocha, Insomnia.
Build Scripts	Maven, Ant, Gradle.
Version Controllers	GIT, SVN, CVS, Bit Bucket, Bamboo.
Containerization	Docker

PROFESSIONAL EXPERIENCE:

Client: State of Wisconsin, Dept of Health Service

Aug 2023 – Present

Role: Senior Software Developer.

Description: Worked on enhancing the Cares Worker Web portal by introducing a new Katie Beckett Medicaid program so that workers can apply for the benefits to the customers using the portal that maintains the life cycle of the cases or applications. The application is a J2EE based application developed on the **Spring, EJB, Soap, Spring Batch, JSP, JavaScript, HTML, CSS, Bootstrap, jQuery, Jenkins, DB2 & Oracle.**

Responsibilities:

- Interacted with Stakeholders for System Requirement for design and worked on impact analysis on the legacy applications & modules and implemented the Worker web portal enhancements using **Spring, EJB, Soap, Spring Batch, JSP, JavaScript, HTML, CSS, DB2 & Oracle.**
- Developed the batch jobs as per the System requirements and Design using **Spring Batch** and monitored the batch logs in Production using **Control-M** tool and **Datadog**. Also migrated and developed Mainframe jobs to Java using **Spring Batch**.
- Worked on frontend of the application using **JSP, JavaScript, HTML, CSS, Bootstrap, jQuery** and **Ajax**. Reduced the unnecessary noise caused due to improper handling of exceptions and handled code changes in the impacted business scenarios.
- Developed the application modules by utilizing the **Spring MVC Framework** and deployed using WebSphere application server. Implemented **Log4j** for logging and tracking the app health.
- Provided necessary bug fixes to improve performance of the existing application. Wrote SQL queries, functions & procedures for interacting with the **DB2** & validated the data and transformation logic as per Transaction and Thread management.
- Used **SVN** for source control and **Maven** as build Tool and **Jenkins** for CI/CD. Performed end to end testing after development and worked on Bug fixes as per the system requirements.

Client & Role: Fidelity Investments, Senior Software Developer.

Feb 2021 – Jul 2023

Description: Worked for Fidelity, where the HealthCare Technology Group supports the recordkeeping and administration of health benefits (medical, dental and vision plans) and life insurance plans on behalf of corporate clients, their employees, and retirees. The technology associates on the HCG Platform team interact with business partners as well as systems partners who have responsibility for client-facing channels. The application is a **J2EE** based application developed on the **Spring Boot, Microservices, SwaggerHub, Soap and REST Web Services, MI Azure, Azure Blob storage, AWS S3 Bucket**.

Responsibilities:

- Developed **REST** based **Microservices** for newly building platforms using **Java 13, Spring boot, SwaggerHub, Resilience4j, MI Azure services, MI SQL, REST** and **SOAP** web services.
- Had hands on experience on developing code using **TDD (Test Driven Development)**.
- Created **REST** services and **SOAP** services for the backend using **Spring boot, Spring Data JPA, Hibernate** frameworks.
- Using **APIGEE (JWT token) Gateway** and **OAUTH** for the security implementation with the client facing third-party providers and as well as internal facing applications.
- Deployed **REST** based micro services on **Azure Cloud** using **Spring Boot** and **Docker**.
- Developed **SQL** queries which are used to communicate with **MI SQL** database. Used **Hibernate** for ORM. Created Hibernate POJOs, Mappings and DAOs. Worked on **Microsoft Azure Blob Storage** for both temporary and permanent storing usage.
- Used **GIT** for source control and **Gradle** as build Tool and **Jenkins** for CI/CD.
- Had expertise on code coverage with **JUNIT** Test cases using **Mockito** that passes **Sonar Quality gate**. Hands on using **SonarQube** and refactor the code based on code smells.
- Used **Splunk** for managing and monitoring the **PROD** and **NON-PROD** logs and Created **Splunk** dashboards for tracking applications with ease, also created alerts.
- Used **AWS S3 bucket** for storing Splunk archival logs of 6 months in PROD/NonPROD, which is used to debug and track down the incidents or issues reported by the end users.
- Used **Datadog** to monitor status of **Pods, containers, %CPU memory usage** and used to track the trace of the request that helps in debugging network or latency issues.
- Using **Udeploy** to see the cluster level application logs and the deployment logs.
- Involved in API designing and using **swaggerHub** for API design and documentation. Had expertise using **PlantUml** working on **sequence flow diagrams** and **class diagrams**.

Environment: Java 8/11/13, SwaggerHub, Azure Cloud services, Azure Blob Storage, Azure Scheduler, AWS S3 bucket, AWS Lambda, Jenkins, REST services, Soap services, Spring Boot framework, Resilience4J Framework, Docker, SQL, log4j, JUnit, Maven, Gradle, IntelliJ, GitHub, BitBucket, GIT, SonarQube.

Client & Role: Vanguard, Software Developer.

Sep 2019 to Feb 2021

Project description:

Vanguard, one of the largest providers in Mutual funds and in Exchange trade funds and provide financial advice to corporate and private clients about investment matters. Fund ID sustainability is an application which is created to change the Fund ID from integer to Alphanumeric. We did impact analysis and gathered the data from the DB2 team and worked on design, development, testing and deployment.

Roles & Responsibilities:

- Following **Agile (Scrum)** methodologies for application development.
- Involved in Software Development Life Cycle (**SDLC**) for gathering requirements, Analyzing, Designing, Developing and Testing application using **Agile** methodology.
- Implementing the **REST API** using **Spring Boot** framework on the server side.
- Testing the **REST API** using **Postman** and troubleshoot issues by debugging the code.
- Working with the third-party providers and guiding them through the process of integrating with the **REST API** including security and single sign on aspects.
- Using **HTTPS** and **OAUTH** for the security implementation with the third-party providers.

- Created Unit tests for the code using **Junit** and **Mockito** and followed **TDD** approach using cucumber feature files and step definitions.
- Using **Bitbucket**, **GitHub**, **SVN** as the version control repositories and using **Bamboo** for the deployment.
- Enabled Cross Origin Resource Sharing (**CORS**) for accessing selected resources.
- Participating in the JIRA board and assigned respective tasks to the stories in case of any additional development requirement for the created story.

Environment: Java 8, Spring Boot, Spring framework, Micro Services, REST APIs, Postman, Maven, Bamboo, Confluence, JIRA, STS, AWS, DynamoDB.

Client & Role: Picture Mosaics LLC, Software Developer.

Jan 2019 to June 2019

Project description:

Picture Mosaics is an industry leading solution for clients to create the very best mosaics in all print and multimedia genres. Provides premium photo mosaic design, online interactive and social mosaics, Real time event mosaics, and in Motion Video mosaics and animation.

Roles & Responsibilities:

- Gathering requirement specifications in the sessions involving Business and IT.
- Creation of the High Level and Detailed Level design documents for the application.
- Design, Coding, Development of the Gateway application using technologies like **Spring Boot**, **Hibernate**, **REST MicroServices**, **JSON**,
- Designed and developed **REST** Microservices using **Spring Boot**. Tested the **REST APIs** using **Postman**.
- Followed **Agile** Methodology for the Software Development Life Cycle (**SDLC**).
- Build new or modify existing test cases / test harnesses to effectively test the work that was done on system components using **test driven** development.
- Work with clients, business stockholders, operations and architecture teams in the very cross functional environment to meet the product vision and business goals.
- Used the **JavaScript** libraries **jQuery**, **AJAX** to talk to the **RESTful API** and display the **JSON** format data for the end user. Designed user interfaces for client websites using **HTML**, **CSS**, **JavaScript**, **jQuery** and **Bootstrap**.
- Involved in the creation of exhaustive **JUnit Unit Test** Cases for each java class that is being developed for this application using a mocking framework **Mockito** using **Test Driven Development** technique.
- Implemented Spring Security for authentication and authorization.
- Implemented the persistence layer using **Hibernate** and configured **Hibernate** with **Spring** to interact with the **Database** from the **DAO**.

Environment: Java 8, Spring Boot, Micro Services, REST APIs, Postman, Maven, Jenkins, HTML 5, CSS3, Java script, Spring framework, Hibernate.

Employer & Role: Villanova University, Research Software Engineer.

Jan 2018 to Dec 2018

Project description:

Worked on Developing the Villanova university Incident management and tracking tool which serves as a bridge between Villanova Students and University IT /Repair department that helps in different purposes of students to use the university portal to create an incident and so that Students can keep track of the Incident life cycle. Worked on creating Splunk dashboards that send email alerts for the students.

Roles & Responsibilities:

- Communicate effectively verbally and in writing to Students and the internal IT/Repair department. Document notes, activities, resolutions, and other knowledge articles throughout the lifecycle of an investigation.
- Prioritize work based on incident type and severity. Collaborate among and across teams to ensure

issues are addressed by the appropriate individuals.

- Implementing the **REST API** using **Spring Boot** framework on the server side. Testing the **REST API** using **Postman** and troubleshooting issues by debugging the code.
- Used **GIT** for source control and **Maven** as build Tool and **Jenkins** for CI/CD.
- Used **Splunk** for managing and monitoring the logs. Created **Splunk** dashboards for tracking applications with ease, also created necessary alerts.
- Implemented the persistence layer using **Hibernate** and configured **Hibernate** with **Spring** to interact with the **Database** from the **DAO**.
- Testing the **REST API** using **Postman** and troubleshooting issues by debugging the code.

Environment: Java 8, Spring Boot, Micro Services, REST APIs, Postman, Maven, Jenkins, Spring framework, Hibernate, MySql.