**Gayatri Devi M**

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**Professional Summary:**

* **15 years of experience** as a **Java developer** with a strong understanding of **cloud** computing technologies. Such as AWS in IT industry comprising of Java/J2EE enterprise web application design, development, maintenance & support involving all **SDLC** activities like planning, requirements analysis, design, implementation, reviews, unit testing, integration testing and production deployments.
* Experience working in **Banking and public** domains**.**
* Experience in design, development, and implementation of **Model-View-Controller (MVC)** architecture, using **Spring MVC, Spring Boot** and **Struts** frameworks.
* Worked in Container based technologies like **Docker, Kubernetes.**
* Valuable experience of working with **Microservices Architecture based Applications**.
* Experience in using build/deploy tools such as **Jenkins, Docker** for Continuous Integration & Deployment.
* Skilled **AWS Cloud** Developer with experience in designing, implementing, and managing cloud-based solutions. Proficient in Amazon EC2 and S3 services, with a strong understanding of cloud architecture principles and best practices. Demonstrated ability to develop scalable and resilient applications on AWS, optimizing performance and cost-efficiency.
* Experienced working on **Agile** and **Waterfall methodologies**.
* Expertized in software development life cycle using **Core Java, J2EE (Servlets, JSP), Struts, Spring, Restful Web services, Angular, JavaScript for UI** etc.
* Experience in Front End Technologies using **Angular.**
* Experience in **GUI** Design using **HTML5, CSS3** and **JSP**.
* Strong experience in **Object Oriented Programming (OOP)**, **exception handling, Collections etc..**.
* Proficient in **Core** **Java** programming language, with a focus on multithreading and concurrency control mechanisms.
* Developed a real-time data processing system using Java multithreading, achieving a significant improvement in throughput compared to single-threaded processing.
* Experience in implementation of **RESTful** web services using Jersey API & Spring Rest API.
* In-depth understanding of RESTful principles and architectural patterns, including resource-based URI design, stateless communication, and HATEOAS.
* Familiarity with web service technologies like JSON, XML, HTTP, and HTTPS, and their usage in RESTful API development.
* Good knowledge of databases such as **Oracle,** and **MySQL**.
* Knowledge and experience of **JSON** and **AJAX.**
* Worked in both **Unix/Linux** and **Windows** based development environments.
* Experience in Application Servers like **Tomcat**.
* Proven experience in usingIDEs such as **Eclipse** and **IntelliJ IDE**
* Experience in **JIRA** for tracking the User Stories.
* Having good Experience in **Scrum (Agile)** development methodology, experience also to manage team by running **Scrum Calls.**
* Experience on CI/CD build tools like **Jenkins**, **GitLab.**
* Valuable experience in building and deploying using **Maven** andVersion Control Management tools such as **GIT**.
* Coordinated and participated in review, revisions, changes, enhancements, testing, documentation and business owner notification of product enhancements and business opportunities.
* Excellent interpersonal, analytical skills, and strong ability to perform as part of team.
* Exceptional ability to learn new concepts.

**Educational Qualifications:**

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| * **Master of Computer Applications** fromSPMVV, Tirupati university
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| * **Bachelor of Science (Computer Science)** from **S K** university
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**Technical Skills:**

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| **Platforms** | Windows, Linux |
| **Languages** | Java 6/7/8/9 |
| **RDBMS** | Oracle, My-SQL |
| **Web Technologies** | Servlet, JSP, HTML, JavaScript, CSS, Spring MVC, web services |
| **Web Services** | JAX-RS |
| **Servers** | Tomcat, WebLogic Oracle server, WebSphere |
| **Tools** | Jira |
| **Frameworks & Architecture** | Struts, Spring 4, Spring Boot, Angular 7 |
| **IDEs** | Eclipse, IntelliJ IDEA |
| **Build Tools** | Maven |
| **Versioning Tools** | Git |
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**Project Details:**

**PROJECT #1:**

**Client: Walmart**

**Project:** Prescriber Applications **September 2023 to till date**

**Sr Java/ Full stack Developer**

**Description:**

There is a huge set of Master data for Prescribers, Clinics and Licenses within the client system. As part of this project developed Prescriber APIs and daily jobs to manage the data. API is for getting the required data and modifying the prescriber data. Whereas Prescriber daily/scheduled jobs will publish all the modified central prescriber, clinic, and license data to Kafka topics on regular basis.

Scheduled jobs will execute daily/weekly/monthly based on the given schedule. These jobs will transform the data to AVRO format and publish to the different Kafka topics within the central system. Clients/Stores use this modified data for different purposes.

**Roles and Responsibilities:**

I have worked on new functionality development, and integration with different applications and presented different POCs to enhance the applications.

* Involved in grooming calls for requirements gathering and creating user stories using JIRA.
* Developed Java objects and webservices In Java8, Restful web services using spring MVC framework and created the documentation.
* Using Rest client **Postman** tool to test Rest API services and validate the **JSON** response.
* Designed and implemented **cloud** infrastructure solutions using **AWS** services, with a focus on **EC2** and **S3**.
* Implemented automated deployment pipelines using **AWS** Code Pipeline and AWS Code Deploy, reducing deployment time Using **postman** to verify functionality of application from backend perspective.
* Managed and optimized **S3** storage resources, implementing lifecycle policies and versioning strategies to minimize costs.
* Used **Kubernetes** for containerization and pod management.
* Used **Git**repository as a version-control system for tracking changes in source code during software development and documented wikis for every project.
* Actively participated in code reviews and provided constructive feedback to team members to ensure code quality and adherence to coding standards.
* Collaborated with cross-functional teams to establish Git best practices, including branch naming conventions, commit message guidelines, and code review processes.
* Using **JIRA** as a Project Management tool to create and track the status of the User Stories.
* Deliverables (schedule, performance, and deliverables) to the customers.
* Develop and transfer expertise and methodologies.
* Development: Implementation of code as per the business requirements.
* Unit testing, user acceptance testing, business acceptance testing and system integration testing of the developed code.
* Providing fixes to the issues identified in the testing phase.
* Handling production deployment, debugging & resolving production issues on live applications.
* Completion of all the customizations & development within a deadline.
* Received client appreciations for unique features developed.

**Environment**: Java 8, Spring Boot, Oracle, PL/SQL, Kubernetes, IntelliJ IDE, GIT, Confluence, Postman, AWS Cloud

**PROJECT #2:**

**Client: State of Michigan**

**Project:** MICAVS **January 2023 to August 2023**

**Sr Java/ Full stack Developer**

**Description:**

The Michigan Compensation Assistance for Victims and SAFE (MICAVS) system is a convenient way for the users to apply online for financial assistance from Michigan's Crime Victim Compensation Program. This Project is a gateway for all the claimants and victims which can assist eligible victims and families impacted by a crime by paying for certain expenses related to physical, mental, emotional, or psychological injuries resulting from that crime.

MICAVS also has an entry for the workers and reviewers to verify the claims from the assigned users and process the claims. MICAVS helps in processing the payments as well to the end users. There are multiple modules involved in the backend of the system which includes:

1. Migration of the existing claims and user details
2. User Interfacing web applications to all the users based on their role.
3. Payment processing through SIGMA

**Roles and Responsibilities:**

I have worked on enhancements to the existing system, new functionality development, and integration with different applications and presented different POCs to enhance the applications.

* Involved in grooming calls for requirements gathering and creating user stories using Azure.
* Developed Java objects and webservices In Java8, Restful web services using spring MVC framework and created the documentation.
* Integrated third-party REST APIs for payment gateways, social media platforms, and geolocation services into existing applications, ensuring seamless data exchange and interoperability.
* Using Rest client **Postman** tool to test Rest API services and validate the **JSON** response.
* Using **postman** to verify functionality of application from backend perspective.
* Used **Angular** to integrate with Restful Web services.
* Used **Git**repository as a version-control system for tracking changes in source code during software development and documented wikis for every project.
* Demonstrated ability to create, manage, and delete branches effectively to organize development tasks and facilitate collaboration among team members.
* Participated in Git training sessions and knowledge sharing initiatives to empower team members with Git Merge and branch management skills, fostering a culture of continuous learning and improvement within the organization.
* Using **Azure** as a Project Management tool to create and track the status of the User Stories.
* Deliverables (schedule, performance, and deliverables) to the customers.
* Develop and transfer expertise and methodologies.
* Development: Implementation of code as per the business requirements.
* Unit testing, user acceptance testing, business acceptance testing and system integration testing of the developed code.
* Providing fixes to the issues identified in the testing phase.
* Handling production deployment, debugging & resolving production issues on live applications.
* Completion of all the customizations & development within a deadline.
* Suggested different ideas to increase business values and many of them were accepted.
* Received client appreciations for unique features developed.

**Environment**: Java 8, Spring Boot, Oracle, PL/SQL, Angular 5, STS, IntelliJ IDE, GIT, Confluence, Postman, Azure.

**PROJECT #3:**

**Project:** AMS (Account Maintenance System) **June 2017 to Dec 2022**

**Client: JPMorgan Chase & Co, Delaware, DE**

**Sr Java/ Full stack Developer and Module Lead**

**Description:**

The Account Maintenance System helps JPMorgan's middle office to create and maintain accounts related to investment banking. The system can create accounts and navigate through various levels of approval processes and finally create the account. Users can also create and maintain accounts in a bulk passion. There are multiple modules involved in the backend of the system which includes:

1. Migration of the accounts through Extract, Transform and Publish Model (ETP)
2. Bulk Upload process
3. Reporting through business objects
4. Managing the Auto updates from third party systems

**Roles and Responsibilities:**

I have worked on enhancements to the existing system, new functionality development, and integration with different applications and presented different POCs to enhance the applications.

* Involved in grooming calls for requirements gathering and creating user stories using JIRA.
* Developed Java objects and webservices In Java8, Restful web services using spring MVC framework and created the documentation.
* Using Rest client **Postman** tool to test Rest API services and validate the **JSON** response.
* Conducted **performance** **profiling** and optimization of multithreaded applications using tools such as **Profiler**.
* Using **postman** to verify functionality of application from backend perspective.
* Created comprehensive API documentation using tools like Swagger/OpenAI, documenting endpoints, request/response formats, and authentication mechanisms.
* Used **Angular** to integrate with Restful Web services.
* Used **Git**repository as a version-control system for tracking changes in source code during software.
* Familiarity with Git workflows such as Gitflow, GitHub flow, and centralized workflow, and adept at choosing the appropriate workflow based on project requirements. Development and document wikis for every project.
* Proficient in utilizing Git Merge to integrate changes from one branch into another, ensuring smooth collaboration and version control within the team.
* Using **JIRA** as a Project Management tool to create and track the status of the User Stories.
* Deliverables (schedule, performance, and deliverables) to the customers.
* Develop and transfer expertise and methodologies.
* Development: Implementation of code as per the business requirements.
* Unit testing, user acceptance testing, business acceptance testing and system integration testing of the developed code.
* Providing fixes to the issues identified in the testing phase.
* Handling production deployment, debugging & resolving production issues on live applications.
* Completion of all the customizations & development within a deadline.
* Suggested different ideas to increase business values and many of them were accepted.
* Received client appreciations for unique features developed.
* Running Daily Scrum activities for team

**Environment**: Java 8, Spring 4.0, Oracle, PL/SQL, Angular 5, Tomcat, Eclipse, IntelliJ IDE, JIRA, GIT, Confluence, Postman, Jenkins.

**PROJECT #4:**

**Project: iAd** **June 2014 to May 2017**

**Client: Apple, Cupertino, CA**

**Java Developer**

**Description:**

Apple iAd is a mobile and internet advertising platform which enables Apple’s advertising customers to publish advertisements on mobile devices such as iPhone, iPod, and iPad. In this context the tools are web applications, which enable Apple administrators and customers to create, configure and manage advertisements that can then be published onto mobile devices.

**Roles and Responsibilities:**

* Implemented **RESTful** services using Spring MVC.
* Developing the Web forms using **Angular,** **HTML, CSS**.
* Designed and developed base classes, framework classes and re-usable components.
* Developed UI Forms using Angular JS, JavaScript and integrated them with Rest Services.
* Used Rest client **Postman** tool to test Rest API services and validate the **JSON** response.
* Used **postman** to verify functionality of application from backend perspective.
* Used **Git**repository as a version-control system for tracking changes in source code during software development and documented wikis for every project.
* Using **JIRA** as a Project Management tool to create and track the status of the User Stories.
* Using **Jenkins Continuous Integration** build server to perform dev environment builds.
* Following Agile Methodologies throughout the lifecycle of the project.
* Involved in Understanding functional specifications and developing creative solutions to meet business requirements.
* Database Design.

**Environment:** Java, Spring MVC, Oracle, PL/SQL, Angular JS, Tomcat, Eclipse, VS Code, JIRA, GIT, Postman.

**PROJECT #5:**

**Project:** iPrint **March 2012 to Jan 2014**

**Client: Apple, Cupertino, CA**

**Java Developer**

**Description:**

**iPrint** is a secured intranet online web application used by Apple for printing. iPrint supports creating various kinds of Templates which are used for printing in Apple stores. Application supports Multilanguage combinations. iPrint supports printing with different modules like Template Management, Token Management, Attachment management and Printer Management.

**Roles and Responsibilities:**

* Hands on experience in application development using **Struts** framework.
* Involved in developing the front-end UI application using **HTML**, **JSP**, **CSS** and **JavaScript**.
* Involved working on **Oracle** at the backend.
* Used **Jenkins** to perform continuous integration and build automation to various environments like DEV, etc...
* Worked on **Maven** to get the dependencies from the local repositories.
* Involved in coding the business logic to develop the end-to-end lineage using **Java, JSP, Struts, Oracle**.
* Used **GIT** for version Control.

**Environment:** Java, Struts 2.0, JSP, Oracle, PL/SQL, Tomcat, Eclipse, JIRA, GIT

**PROJECT #6:**

**Project:** Danish Customs and Taxation **April 2008 to Feb 2012**

**Client: SKAT, Denmark Government**

**Java Developer**

**Description:**

**NTSE** (Nyt Tast Selv Erhverv) is a system modernization program of SKAT, Denmark (www.skat.dk). SKAT is the TAX department of the Govt. Of Denmark. Collecting income tax, sales tax, entertainment tax, customs etc. are some of the business areas of SKAT, Denmark. The entire range of existing SKAT applications will be ported onto an SOA based platform using BEA range of SOA products. SKAT has diverse departments running diverse applications and platforms including mainframe systems. By migrating to SOA platform, the distributed systems and platforms can share data and communicate through web services. Companies, individuals, accountants can file various taxes through the SKAT portal and B2B services. Apart from filing of taxes, SKAT portal provides management of company/individual accounts through self-administration portal.

**Roles and Responsibilities:**

* Involved in requirement gathering, system analysis, design, and implementation.
* Involved in Database design.
* Written web services APIs for sync.
* Developed the application using Service Oriented Framework that leverages classical **Model View Controller (MVC)** architecture.
* Developed POJO and implemented iBatis for database operations.
* Involved in coding the business logic to develop the end-to-end lineage using **Java, WebLogic ALSB, BPL Framework and MySQL**.
* Testing the **Restful** Web Servicesusing **SOAP UI.**
* Worked on **Maven** to get the dependencies from the local repositories.
* Used **AWS** (Amazon Web Services) **EC2** service for Deploying, managing application and **S3** to store a file.

**Environment:** Java, J2EE, SQL, CSS, HTML, JavaScript, SOA Web services, WebLogic ALSB, BPL,

**PROJECT #7:**

**Project:** Risk Intelligence **May 2007 to March 2008**

**Client: Zurich, NA**

**Java Developer**

**Description:**

**Risk** **Intelligence** is a powerful web-based system that provides daily updates of claims and loss information in standard or customized reports and is geared for the Zurich North America large account casualty customer that meets our qualifications. By providing timely information in its most usable format, Risk Intelligence enables you to review loss costs, analyze loss trends, and pinpoint problem claims or loss areas early on, so that corrective action can be implemented.

Risk Intelligence also makes it simple for risk managers to share certain information and analysis reports with others in their organization, spreading the power of risk management across the organization and its various functional areas.

**Roles and Responsibilities:**

* Involved in Database design.
* Written Java components according to requirements.
* Requirements gathering & Analysis.
* Involved in coding the business logic to develop the end-to-end lineage using **Java, MySQL**.
* Used **CVS** for version Control.
* Testing the Web Servicesusing **SOAP UI.**
* Worked on **Maven** to get the dependencies from the local repositories.

**Environment:** Java, J2EE, MySQL, CSS, HTML, JavaScript, WebSphere.