**Nagalakshmi Ambarla  
Senior Java Developer**

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**SUMMARY**

* Around 10+ Years of IT professional experience with real time web-based applications in **Java** and Web technologies, Requirement's analysis, and Design, Development, Testing, Deployment of software applications.
* Experience in developing multi-tier distributed web applications using **Java, J2EE, Hibernate, Spring MVC**, **Spring Boot** and **REST based Web services**.
* Excellent understanding and experience in **OOPS principles Inheritance**, **Encapsulation**, **Polymorphism**, and **Core Java principles collections**, **Multithreading**, **Synchronization, Exception handling.**
* Experience in implementing Java EE design patterns in the development of multi-tier distributed enterprise applications.
* Experience in Persistence Framework like **Hibernate ORM and JPA**.
* Experience in unit testing using **Junit**.
* Used databases like **MySQL**.
* Strong working experience in developing Restful webservices.
* Experience in **Data Modeling**, Design, Development, Implementation and Administration of Database systems using MySQL.
* Experience in Microservices development using spring boot.
* Extensively involved in integration Front End Frameworks with REST based Web Services like **jQuery, JSON, JavaScript, HTML 5, XML, CSS**.
* Managed multiple projects simultaneously for various clients from conception through completion phase maintaining timelines and changing requirements. The technology mainly used for the implementation was Apache Tomcat via https.
* Involved in developing Test plans, Test Cases (Manual/Automated), Test Procedures and white-box and black-box testing.
* Experience working in **Agile** methodology and involved in scrum meetings every day to discuss the Sprint status, technical difficulties, and blockers.
* Experience on different IDEs such as **Eclipse, Spring Tool Suite, IntelliJ**, and deployment using Application Servers like **Apache Tomcat**.
* Exposure on different industrial domains like **Financial, Insurance, Telecom,** and **E-commerce**.
* Experience with build tools like **Maven, ANT** and logging framework like **Log4J.**
* Experience in using **Git** for version control. Used GIT as version control to stage, and commit the code, create/merge branches.
* Used **SVN** as version control to stage, and commit the code, create/merge branches.
* Developed Service layer classes to support the business functionality with spring.
* Experience in using Spring Config server for external configurations in a distributed system.
* Experience in Using **Snyk** server for java dependencies scan.
* Experience in writing Spring Controller, services and JPA repositories.
* Used JIRA, Service Now for tracking tickets in project and Confluence for maintaining Documentation.
* Used **Kubernetes** to orchestrate the deployment, scaling, and management of **Docker** Containers.
* Written Docker files to build image and deployed those images on Kubernetes pods.
* Used kubectl commands to list namespaces, nodes and pods and connecting to pod.
* Utilized **Amazon Web Services**(AWS) **EC2**to deploy **Docker**containers with both monolith and **microservices** architecture.
* Used Jenkins as Dashboard for deploying applications.
* Experience in writing Python and Shell scripts to automate tasks.
* Used Putty for connecting to linux servers.
* Working experience with the operating systems like LINUX and Windows.

**Technical Skills:**

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| **Languages:** | Java, J2EE, Javascript |
| **Java/J2EE Technologies:** | Java, JDBC, JMS, JPA |
| **Operating Systems:** | Windows, Linux and Ubuntu |
| **Web Technologies:** | HTML, CSS, XML, Java Script, AJAX, JSP and JQuery |
| **XML/Web Services:** | SOAP and REST |
| **Web Servers** | Apache Tomcat 9/8/7 and Nginx |
| **Databases** | MySQL, PL/SQL and Neo4j |
| **Frameworks:** | Hibernate, Spring, Spring Boot |
| **IDE's and Tools:** | Eclipse, STS, Visual Studio, PUTTY and IntelliJ |
| **Build/Containerization Tools** | Maven, Docker, Kubernetes and ANT |
| **CI/CD Tool** | Jenkins and GitLab |
| **Bug/Issue Tracking** | JIRA and ServiceNow |
| **Design Patterns:** | Singleton, Front Controller, MVC and DAO |
| **Cloud Technologies** | AWS |
| **Scripting Languages** | Shell Scripting, Python |
| **Version Controls:** | GitHub, GIT, Tortoise and SVN |
| **Monitoring Tools** | Dynatrace, Cloud Watch |
| **Methodologies:** | Waterfall, Agile and Scrum |

**Professional Summary:**

**Title: Sr. Java Developer**

**Client: State Farm, IL Apr 2022 to till date**

State Farm is the largest property and casualty insurance provider, and the largest auto insurance provider, in the United States. State Farm is ranked 42nd in the 2022 Fortune 500, which lists American companies by revenue. State Farm provides Car insurance, Health insurance. State Farm also provides services for Car insurance in 24/7.

**RESPONSIBILITIES**

* Developed and supported RESTful services to support desktop and mobile application using Spring Boot.
* Involved in migrating legacy code base for improved performance and efficiency, archiving with the help of Spring Reactor (SpringBoot).
* Involved in developing services that help reduce the activation time for devices.
* Used Config server for supported configuration in distributed system.
* Used Snyk scan to Scan vulnerabilities in java dependencies.
* Involved in deploying project code in PCF using GitLab. Used GitLab for CI-CD pipeline.
* Experience in working different kind of environments like Dev, Pre production and Production.
* Developed N-tier architecture-based solutions with distributed components and internet/intranet applications using Java/J2EE technologies.
* Designed logic to fetch custom data based on the filters select on the UI.
* Developed REST API services to serve the web application with JSON data.
* Performed unit testing using testing frameworks such as JUnit.
* Developed various screens for the front end using JSP, JavaScript.
* Designed and implemented server-side RESTful web services using JavaScript and handled communications to the client side Javascript using JSON.
* Performed complete database operations for various layers using Spring Data JPA (ORM).
* Designed and developed Microservices using REST framework and Spring Boot.
* Using GIT for software configuration management and version control.
* Preparing test cases and strategies for unit testing and integration testing using JUnit.
* Used Microservices to communicate using synchronous protocols HTTP and REST.
* Using the Log4j to log regular Debug and Exception statements.
* Used Snapshot versions in Dev, Release version in Production environments.
* Participated in knowledge transfer activities for the new joiners on applications and helping them to settle down quickly in the project.

**Environment**: Java 1.8, Spring Boot, JPA, JSP, JavaScript, DB2, Git, GitLab, Config Server, PCF (Private cloud), Snyk, Junit, Spring tool Suite, Apache Tomcat.

**Title: Java Developer**

**Client: Ericsson, TX Mar 2021 to Apr 2022**

Ericsson is a Swedish multinational networking and telecommunications company headquartered in Stockholm. The company sells infrastructure, software, and services in information and communications technology for telecommunications service providers and enterprises, including, among others, 3G, 4G, and 5G equipment, and Internet Protocol (IP) and optical transport systems. ENM is the main Product of Ericsson. ENM manages whole Ericsson network.

**RESPONSIBILITIES**

* Involved in the complete Software Development Life Cycle including Requirement Analysis, Design, Implementation, Testing and Maintenance.
* Used java features like stream, Lambda expressions, functional interface, collections, Date/Time   
  changes and type annotations.
* Implement Java & J2EE design patterns and the coding guidelines for application design and development.
* Developed Service layer classes to support the business functionality with spring.
* Worked on building and testing applications/modules both front end and backend.
* The application was developed using Spring MVC Architecture with Hibernate as ORM framework.
* Developed user interface using JSP, HTML, CSS, Bootstrap, JavaScript and jQuery.
* Used MySQL as database to for storage application data.
* Involved in all deployments done for production and test servers.
* Used SVN as version control to stage, and commit the code, create/merge branches.
* Used AJAX to make the web application more dynamic, and jQuery to make the user interface highly interactive.
* EJB3 was used as a persistence framework as it provides a POJO persistence model for object-relational Mapping
* Worked on optimizing our RESTful services to improve response times and ensuring that we maintained company SLAs.
* Built and integrated an automated testing suite for our iOS and Android applications using functional and regression testing.
* Involved in POC, design, development and end to end testing of this application on various types of deployments including testing of edge case scenarios.
* Responsible for QA sign off on all releases for our backend and mobile applications.
* Worked in Agile Methodology, Involved in all Scrum calls and Sprint Activities.
* Used Jira for tracking tickets. Used DDP, Dynatrace and Cloudwatch for monitoring applications metrics.
* Experience in writing Python and Shell scripts to automate tasks.
* Used **Kubernetes** to orchestrate the deployment, scaling, and management of **Docker** Containers.
* Written Docker files to build image and deployed those images on Kubernetes pods.
* Used kubectl commands to list namespaces, nodes and pods and connecting to pod.
* Utilized **Amazon Web Services**(AWS) **EC2**to deploy **Docker**containers with both monolith and **microservices** architecture.
* Used Jenkins as dashboard for deploying applications. Taken care of Jenkins builds/deployments/Configurations in all level environments.

**Environment:** Java, JPA, Spring Boot, Maven, Elastic search, JIRA, Confluence, Jenkins, Agile Methodology, DDP, Linux, Neo4j, Putty, Docker.

**Title: Java Developer**

**Client: Ericsson, TX Jan 2019 to Mar 2021**

Ericsson is a Swedish multinational networking and telecommunications company headquartered in Stockholm. The company sells infrastructure, software, and services in information and communications technology for telecommunications service providers and enterprises, including, among others, 3G, 4G, and 5G equipment, and Internet Protocol (IP) and optical transport systems. ENM is the main Product of Ericsson. ENM manages whole Ericsson network. Neo4j is used as database for ENM.

**RESPONSIBILITIES**

* Implemented the project under Agile Project Management Environment and followed   
  SCRUM iterative incremental model.
* Performance monitoring, troubleshooting and enhancement of system design/architecture.
* Events Monitoring - Implemented backend code for publishing user events and content availability data, using REST APIs, bash/shell scripting and python in a Unix environment.
* Developed Service layer classes to support the business functionality with Spring Boot.
* Used MySQL database to storage details of the customers.
* Developed Hibernate configuration files and queries and Implemented DAO classes.
* Developed JSP pages with MVC architecture using Spring MVC, Servlets and Simple tags.
* Configured Maven dependencies for application building processes.
* Used Spring Dependency Injection to set up dependencies between the objects.
* Optimized the source code and queries to improve performance using Hibernate.
* Designed and developed web applications using Servlets, JSP, JavaScript, HTML, CSS and XML and assisted other team members with various technical issues and Server related issues.
* Used JUnit to unit test the modules and Log4j for logging error/debug messages.
* Experience in writing Python and Shell scripts to automate tasks.
* Used **Kubernetes** to orchestrate the deployment, scaling, and management of **Docker** Containers.
* Written Docker files to build image and deployed those images on Kubernetes pods.
* Used kubectl commands to list namespaces, nodes and pods and connecting to pod.
* Utilized **Amazon Web Services**(AWS) **EC2**to deploy **Docker**containers with both monolith and **microservices** architecture.
* Used Jenkins as a dashboard to deploy the application.
* Used SVN, GIT, the version control tool for code commit and update.

**Environment:** Java 1.7, Spring MVC, Spring Boot, GIT, Jenkins, JIRA, Confluence, Maven, Neo4j, Elasticsearch, Linux commands, Putty.

**Title: Software Developer**

**Client: Mindset, MN Dec 2014 to Dec 2018**

Mindset Consulting is an expert in customizing and optimizing SAP tools to unlock human and enterprise potential. Mindset’s offers experience-driven transformation for enterprise organizations – leveraging deep SAP expertise for dramatic business results. Mindset Consulting clients are industry leaders who understand that enterprise technology is the key to enabling and empowering their talent.

**RESPONSIBILITIES**

* Developed Service layer classes to support the business functionality with spring.
* The application was developed using Spring MVC Architecture with Hibernate as ORM framework.
* Developed UI using JSP, HTML, CSS, Bootstrap, JavaScript and jQuery.
* Used MySQL database to storage details of the customers.
* Developed Hibernate configuration files and queries and Implemented DAO classes.
* Developed HTML, XML pages with MVC architecture using Spring MVC.
* Configured Maven dependencies for application building processes.
* Used Spring Dependency Injection to set up dependencies between the objects.
* Optimized the source code and queries to improve performance using Hibernate.
* Assisted other team members with various technical issues including JavaScript, CSS, JSP and Server related issues.
* Designed and developed User Interface, application modules and business components using JSPs, Servlets, Java, HTML and JavaScript, testing and deploying them on WebLogic Application Server.
* Used SVN, GIT, the version control tool for code commit and update.

**Environment:** Java 1.7, Spring MVC, JPA, Hibernate, MySQL Database, JavaScript, HTML, Bootstrap, CSS, Maven, SAPUI5, XML views, JSON, Tortoise SVN, AJAX, jQuery, REST full Web services, Apache Tomcat.

**Title: Software Developer**

**Client: GSK, PA May 2013 to Dec 2014**

GSK (GlaxoSmithKline) plc is a British multinational pharmaceutical and biotechnology company with global headquarters in London.Established in 2000 by a merger of Glaxo Wellcome and SmithKline Beecham,GSK is the tenth largest pharmaceutical company and #294 on the 2022 Fortune Global 500, ranked behind other pharmaceutical companies China Resources, Sinopharm, Johnson & Johnson, Pfizer, Roche, AbbVie, Novartis, Bayer, and Merck Sharp & Dohme.

**RESPONSIBILITIES**

* Designed and developed the project using MVC design pattern.
* Developed Backend services for jsp Views.
* Used Apache SVN for repository management and Ant for build management.
* Designed and Developed REST based service protocols.
* Generate Service Layers Using Spring Controllers
* Generate Persistence Layers Using JPA Repositories.
* Used MySQL as database.
* Developed Hibernate configuration files and queries and Implemented DAO classes.
* Configured Maven dependencies for application building processes.

**Environment:** Java 1.7, JPA, Spring MVC, Hibernate, JavaScript, jsp, Maven, Git, JSON, Tortoise SVN, AJAX, jQuery.