

Pinnam Sai Mithun

Sr Java Developer

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SUMMARY

- 4+ years of professional IT experience in designing and developing multi-Tier distributed Enterprise applications using Object Oriented Programming features of **Java**, and **J2EE** technologies with Software Development Life Cycle (SDLC).
 - Strong application development experience in using **Agile** Software Development methodologies like **Scrum** and Traditional software models like **Waterfall** and **TDD**.
 - Expertise in developing web pages using **HTML5**, **CSS3**, **JavaScript**, **jQuery**, **Ajax**, **Angular**, **Bootstrap** with web page cross browser compatibility and responsive web design and Server scripting language like **Node JS**, **BackboneJS** and **ReactJS**.
 - Developed the application using **Java11** and implemented its features like **Lambdas** Expressions, Time API, Streams, functional interfaces, collectors, default methods, type interfaces, for each.
 - Having experience with **Cloud** Computing Service environments like **Amazon Web Services (AWS)** and managed EC2, S3 bucket, Virtual Private Cloud (VPC) through **AWS** Console and API Integration.
 - Experience in understanding and implementing **Microservices** in client-server business applications. Expert in building Microservice applications using **Spring Boot** for developing **RESTful** web services.
 - Experience in implementing client-server business applications using **MVC** and **SOA** architecture.
 - Expertise in **Java SE** and **J2EE** Technologies, including JSPs, Servlets, **Java** Mail, EJB transaction implementation (CMP, BMP, Message-Driven Beans), JMS, **Java** Beans, JDBC, JNDI.
 - Experience in developing server-side code with good knowledge of enterprise and persistence design patterns like Singleton, Factory, Business Delegate, Session Facade, Service locator, Visitor, Observer, Decorator, Front Controller, Data Access Object and **MVC**.
 - Extensive experience on backend frameworks like **Spring**, **Hibernate** and JSF.
 - Expert in implementing Spring modules such as **Spring** IOC, Spring MVC, Spring AOP, Spring JDBC, Spring DAO and Spring ORM.
 - Expertise in designing, developing, and implementing Extract, **Transform**, Load (**ETL**) processes using **Informatica** PowerCenter, enabling seamless data integration and **data warehousing**.
 - Developing interoperable Web Services and their related technologies like **SOAP**, **Restful**, **WSDL**, **UDDI**, **XML**, **JAX-WS**, **JAXB**, **JAX-RPC** using tools like **Apache** Axis.
 - Experienced with Middleware Technology Messaging Brokers like **JMS** and **ActiveMQ** in SOA(Service-oriented) Architecture.
 - Strong skills in RDBMS implementation and development using **SQL** Server, **Oracle**, **IBMDB2**, **MYSQL**, and experience in working with **SQL**, **PL/SQL** programming languages.
 - Expertise in **NoSQL** databases like **MongoDB**, **DynamoDB**, and Cassandra databases.
 - Experience in using build tools like **Gradle**, **ANT**, **MAVEN** for the development of build artifacts on the source code and log4J framework for logging details.
 - Experience in developing test cases based on test first or Test-Driven Methodology using cucumber, **JMeter**, and **Mockito**.
 - Proficient in deploying, configuring, and administering **IBM WebSphere** Application Server in various environments, including development, testing, and production.
 - Skilled in integrating Drools with **Java/JEE** applications to execute business rules in real-time, providing dynamic decision-making capabilities to applications.
 - Actively involved in the **DevOps** streamlining process through **Jenkins CI** and **CD** Release Automation.
 - Experience in using web app servers like **IBM Web Sphere**, **Web Logic**, **Apache Tomcat**, Jetty and **JBOSS** Servers.
- Quick Learner, highly motivated team player with excellent organizational and analytical skills.

Education

- Bachelors of Technology in **Information Technology** from Vidya Jyothi Institute of Technology.

- Masters in **Computer Science** from Southern Arkansas University.

Skills

Programming	Java/J2EE, C, PL/SQL.
Scripting	jQuery, JavaScript, Shell Script, Python
Frameworks	Servlets, EJB, JSP, JSF, JDBC, SOAP, WSDL, REST, XML, JAXP, JAXB, JPA, JMS, Spring 3.x/4.x/5.x, Hibernate, Spring MVC, Spring Boot, Spring Data, Spring Batch, Spring cloud, Dump Analysis.
IDE	Eclipse, IntelliJ, NetBeans, IBM Rational Application Developer (RAD)
Web Technologies	HTML5, CSS3, AJAX, JSON, Bootstrap, Angular 8/11/14, React JS with Flux, Redux, Ember JS, Knockout JS, Backbone JS, Handlebar JS, NodeJS, Express JS, TypeScript.
Web Servers	J Boss, Web logic, Web Sphere, Tomcat, Jetty, JAX-RS, JAX-WS, Apache CXF, Axis, Jersey.
Databases	Oracle 8i/9i/10g/11i/12c/18c, MySQL, MSSQL Server, Sybase, PostgreSQL, Cassandra, MongoDB
Cloud Technologies & DevOps Tools	AWS, Azure, PCF, EC2, EBS, S3, Docker, ECS, EKS, SQS, RDS, S3, Glacier, Lambda, Kubernetes.
Database Tools	SQL Developer, DBArtisan, TOAD, MSSQL Server Management Studio
Reporting Tools	Jasper Reports, BIRT, Crystal Reports
Build Tools	Ant, Maven, Gradle, Jenkins, Bamboo Gulp, Grunt, Web pack, NPM, Bower
Other Tools	JIRA, Confluence, Bam, Puppet, Chef, boo, Sonar, Fisheye
Testing Tools	Junit, TestNG, Mockito, Jasmine, Karma, Mocha, Chai, Spock, Protractor
Version Control	Git, SVN, CVS, VSS (Visual Source Safe)
Other Technologies	AppDynamics, Splunk, ELK Stack etc.

Experience

CIGNA, NYC

Aug 2023 – Present

Full Stack Developer

Responsibilities:

- Application is implemented using **Agile** methodology where there is a daily **SCRUM** meeting to understand the status and resolve any issues.
- Involved in various phases of the Software Development Life Cycle (SDLC) such as requirements gathering, modeling, analysis, design, development, testing, and application support.
- Implementing core features of the **Angular** framework such as Dependency Injection, Data Binding, Filters, Directives, Templates, Services, and Deep Linking Designing.
- Used **Angular** Router to build single-page applications for navigation through different statuses and multiple models.
- Implemented **Spring Boot**, based services interacting through a combination of **REST** and **Apache** Kafka message brokers for communicating between different applications and **Microservices**.
- Utilizing **Kubernetes** for the runtime environment of the **CI/CD** system to build and test deploy.
- Developed end-to-end data processing pipelines that begin with receiving data using distributed messaging systems **Kafka** through the persistence of data into **HBase**.
- Kubernetes is being used to orchestrate the deployment, scaling, and management of **Docker** Containers.
- Worked on Proof of Concept for developing applications using **Node JS** with **Angular 14** and **MongoDB**.
- Working on performance testing of service using **JMeter** and using the **JMeter** scripts for load testing.
- Written several test cases using **JUnit** and **Mockito** for unit testing.
- Developed a logging module using **Log4J 2** to create log files to debug and trace applications.
- Used **Microservice** architecture with **Spring Boot**, Spring Security, and Spring Batch, based services interacting through a combination of REST and **Apache** Kafka message brokers.

- Worked with **NoSQL** database **MongoDB** and worked with it to perform many different operations and data models document, key-value & wide column, or graph model.
- Implemented **UI** components using **Angular 14** dependency Injection, Models, data binding, and controllers.
- Working on **Lambda** Expressions, Functional interfaces Stream APIs, Time API, and Improvements on Collection, Concurrency, and IO improvements using **Java11**.
- Using **Spring Data** JPA with **Hibernate** to integrate **SQL** Server into back-end web applications and performing CRUD and aggregation operations on a database.
- Deployed **Spring Boot** based **microservices Docker** container using **Amazon EC2** container services and using **AWS** admin console.
- Configured **AWS IAM** roles and Security Groups in Public and Private Subnets in VPC.
- Working on end-to-end development and migrating the application to Cloud using the **AWS** availing services like **AWS EC2**, and Elasticsearch.
- Worked on **AWS**, High Availability Practices, and deploying backup/restore infrastructure.
- Created **AWS Lambda**, EC2 instances provisioning on **AWS** environment and implemented security groups, administered **Amazon VPCs**.
- Build web forms and pages by using **HTML5**, **CSS4**, **Bootstrap**, and **JavaScript** and created asynchronous calls to the back-end server using **Ajax**.
- Extensive mechanisms and features like Parallel Operations on collections, multithreading, and effective sorting mechanisms, and used Stream API and **Lambda** expressions available as part of **Java11** to store and process large volumes of data.
- Implemented **Angular** features in the front end to build web components, modules, and services, testing was done for the UI Components using Protractor and **Jasmine**
- Maintained Interface compatibility and concurrency in the project using **Java 8** new features like default, static methods, and Concurrency API.
- Used **Spring** MVC framework for implementing Model-View-Controller (**MVC**) architecture at the Web tier level to isolate each layer of the application so that the complexity of integration will be reduced, and maintenance will be very easy.
- Developed **RESTful** services to send and receive data to update on **UI**. Familiar with **jQuery Ajax** calls.
- Used **Spring** Core Annotations for Dependency Injection, and **Spring REST** for **REST API**.
- Involved in bug fixes, enhancements, and code refactoring on both frontend and backend functionalities.
- Involved in various phases of SDLC using **Agile (Scrum)** methodology.

Environment: Java 8/11, Angular 11, NodeJS, AWS, JavaScript, Hibernate, Bootstrap, JIRA, Spring Boot, Web services, Microservices, AWS, ELK stack, MongoDB, Maven, HTML5, CSS3, jQuery, Docker, Tomcat, Git, Jenkins, Selenium, Cucumber, Spring Cloud, S3.

American Express - Phoenix, AZ

Dec 2022 – Aug 2023

Java Full Stack developer

Responsibilities:

- Developed presentation layer using **HTML5**, **CSS3**, **jQuery**, **Ajax**, **JSP**, **NodeJS**, **Typescript** and client validation using **JavaScript**.
- Created responsive web pages using **Bootstrap** and wrote client-side applications in a clean **MVC** model using **Angular 8**.
- Responsible for working with Virtual DOM using **NodeJS**.
- Utilized **Java 1.8** features like **Lambda** expressions for collection evaluation and comparing the data, Stream API for Bulk data operations on Collections which would increase the performance of the Application, Parallel operations on collections for effective sorting mechanisms and to change the sequential stream flow of threads while session establishment.
- Implemented the project as a multi-tier application using **Spring** IOC, Spring Data, Spring AOP, Spring Data JPA, Spring MVC Architecture with **Hibernate** as ORM framework, Spring Security (JWT/ JWE, OAuth) for Data Encryption, Spring Batch, Spring Integration, Spring Boot Framework, Spring Cloud, Spring, Social, Session, Web Services, **AWS Cloud**, **Jenkins**, **NodeJS**, **Angular6**, **Typescript**.

- Implemented the authentication and authorization of the application using **Spring** Security and **Oauth2**.
- Developed **RESTful** Web Services with **JAX-RS** using Spring Boot and **Microservices** Architecture. Worked on testing the **RESTful** APIs using tools like POSTMAN.
- Used Spring IOC framework for Dependency Injection and Spring AOP for logging purposes. Implemented Restful Services with JAX-RS using Spring Boot and **Micro Service** Architecture.
- Implemented persistence layer using Hibernate, created POJOs and mapped to databases Annotations.
- Implemented **Micro Services** Architecture to divide the application into various sub modules. Performed CRUD operations like Update, Insert and Delete data in **MongoDB** and **Cassandra**.
- Involved in the design, development, of portlets, themes and skins for **WebSphere** Portal and deployed on server.
- Designed and developed **SOA** based enterprise system using **Oracle** SOA Suite and **WebSphere** Developed HQL queries for CRUD.
- Hands-on experience in configuring and managing high availability and load balancing solutions for **WebSphere** Application Server, ensuring maximum uptime and efficient resource utilization.
- Implemented Batch jobs to deal with large number of chunks using **Spring** Batch Framework to execute similar jobs simultaneously.
- Implemented the task dashboard of different JBPM workflows using BPMN 2.0, business rules using business rules using Drools,
- Deployed **Spring Boot** based **Micro Services Docker** container using **Amazon** EC2 container services and using **AWS** admin console.
- Used **Jenkins** pipelines to drive all **microservices** builds out to the **Docker** registry and then deployed to **Kubernetes**, Created Pods and managed using **Kubernetes**.
- Involved in development of test environments on **Docker** containers and configuring the **Docker** containers using **Kubernetes**.
- Skilled in creating data mapping documents and implementing complex data transformations to ensure data consistency and accuracy during the **ETL** process.
- Proficient in utilizing Informatica Data Quality (IDQ) to profile and cleanse data, resolving data quality issues, and ensuring data integrity across various data sources.
- Developed Microservice on boarding tools leveraging **Python** and **Jenkins** allowing for easy creation and maintenance of build jobs and **Kubernetes** deploy and services.
- Designed services to store and retrieve user data using **MongoDB** and Cassandra database and communicated with remote servers using **REST** enabled Web Services on Jersey framework.
- Used Spring Data Framework to use the features of Spring JDBC and Spring ORM classes like JDBC Template and Hibernate Template to perform the database operations by connecting to Data sources available. Developed test cases for unit testing in the integration layer using **Mockito** framework.
- Proficient in applying **NLP** techniques, such as sentiment analysis, named entity recognition, and text classification, to process and derive insights from unstructured text data.
- Sound understanding of deploying machine learning models to production environments, utilizing cloud services (e.g., AWS Sage Maker, Azure ML) or containerization technologies (e.g., **Docker**) to ensure scalability and efficiency.
- Used Gradle as build automation tool and responsible for Continuous Integration (CI) and Continuous Delivery (CD) process implementation using **Jenkins**.
- Implemented the application using various design patterns such as Singleton, DAO, Factory and Service Locator.

- Developed **Microservices** based architecture to enable the application to be deployed on **AWS**.
- Implemented a Continuous Delivery pipeline with **Docker**, Jenkins and **GitHub** and AWS AMI's. Deployed and tested the application on **Web Sphere** Application Server.
- Used UNIX **shell** scripts to search/modify files.
- Used GIT for version control across common source code used by developers.
- Monitored the error logs using **log4j** and fixed the problems.
- Used **JIRA** tool for Issue/bug tracking, monitoring of work assignment in the system

Environment: Java 1.8, J2EE, Spring MVC, XML, AJAX, AngularJS, NodeJS, AWS, JavaScript, Hibernate, Bootstrap, JIRA, Spring Boot, Web services, Microservices, AWS, ELK stack, MongoDB, Maven, HTML5, CSS3, jQuery, Docker, Tomcat, Git, Jenkins, Selenium, Cucumber, STS.

Century Link, Bangalore, India

Oct 2019 – Nov 2021

Java Developer

Responsibilities:

- Involved in **SDLC** requirements gathering, analysis, design, development, and testing of application developed using **Agile** methodology.
- Created user-friendly **GUI** interface and Web pages using **HTML**, **Angular JS**, **jQuery**, **Ajax**, and **Java script**.
- Defined new validations through **ReactJS** for the form field validation implemented through **HTML**.
- Utilized **ReactJS** to develop high-quality, reusable, and scalable components, incorporating **JSX** syntax to build React components and views.
- Developed routing components in the application using the react-router module for various components and views to turn the application into **Single Page Application**.
- Implemented multiple screens on the front-end using **ReactJS**, incorporating a variety of pre-existing components from **NPM** and the Redux library.
- Resolved conflicts and issues related to Redux store interactions and data flow between components.
- JVM tuning experience by changing to heap sizes according to the requirement.
- Used Spring **MVC** and Dependency Injection for handling presentation and business logic.
- To maintain loose coupling between layers published the business layer as services and injected the necessary dependent components using **Spring** IOC and published cross cutting concerns like Logging, User Interface exceptions, Transactions using Spring AOP.
- Integrated Spring DAO for data access using **Hibernate**.
- Used Spring Security for Authentication and Authorization of the application.
- Implemented persistence framework using **Hibernate** & handled Transaction Management using the provided data source.
- Extensively used **JSON** to parse the data from server side to satisfy the business requirement. Responsible for designing **Hibernate** mapping files based on business logic and Object relationships.
- Integrated Spring and **Hibernate** together and worked on developing backend components and services using Hibernate and spring.
- Extensively used HQL and **SQL** for querying databases.

- Developed Message Driven Bean for asynchronous sending Messages using **JMS**.
- Used **Apache** Axis Service Engine for creating and deploying Web Service clients using **SOAP, WSDL**.
- Used Web Services for creating rate summary and used WSDL and **SOAP** messages for getting useful plans from different modules.
- Used Spring JMS module for lookup for the queues and MDBs for the listeners.
- Established Database Connectivity using JDBC, **Hibernate** O/R mapping with Spring ORM for **Oracle**. Packaged and deployed the application in **JBoss**.
- Developed Stored Procedures, **Triggers** and Functions. Actively involved in tuning **SQL** queries, Stored Procedures, **Triggers** in Informix and **JBoss** fuse technologies.
- Written **LINUX shell** scripts to identify user login information.
- Used **Log4J** for application logging and notification tracing mechanisms. Used **Maven** tools for building and deploying Web applications.
- Analysis and Bug fixing of the production problems and defects along with enhancement.
- Implemented **JUNIT** test cases for unit testing and Suites for end-to-end testing.
- Used JIRA for tracking the Project Stories in **Agile** Methodology.
- Used Tortoise SVN to maintain the version of the files and took the responsibility to do the code merges from branch to trunk and creating new branch when new feature implementation starts.

Environment: Java, J2EE, HTML, CSS, JavaScript, Reacts, Redux, jQuery, JSP, JSTL, Spring, Hibernate, XML, XSD, Web Services, Restful, SOAP, WSDL, Log4j, JUnit, DB2, JBoss, Jenkins, Gradle, GIT, Eclipse, JIRA, Agile methodology, Linux.