**Mani Kumar Panithi**

Java Full Stack / J2EE Develope

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SUMMARY:

* Overall, 10 years of strong software experience as a Java Full Stack Developer and extensively experienced in Software Analysis, Design, Development, Implementation and Testing of Object-Oriented Applications and Web based Enterprise Applications using java/J2EE.
* Experienced in Design and Development of multi-tier enterprise applications using Java, J2EE, Servlets, JSP, JSF, Hibernate, JDBC, Java Beans and Web services, Spring Boot, Spring Cloud & MicroService Architecture.
* Expertise in working with Front End/UI Technologies like, HTML, CSS, XML, JSP, JavaScript, jQuery, AJAX, Angular 10, Bootstrap, JSON and Web Services.
* Experienced in Component and Services crated and inject in the Angular Application.
* Design and Development of Angular Application to flow of the data.
* Experienced in Java Architecture Design and Development, Database design, Code Review, Performance optimization, Modularization of application and its integration.
* Experienced in using software development methodologies (Agile, Scrum), Continuous integration and Test-Driven Development.
* Experienced with development IDEs such as Eclipse, IntelliJ and Spring tool suite, Visual studio code.
* Experience with standard internet protocols such as HTTP, SMTP, HTTPS, FTP.
* Experience in Agile development methodologies and Version Control tools like GIT.
* Proficient in implementing Object Oriented Programming (OOPS) using JAVA/J2EE technologies like Core Java (OOPS, Collections, Threads), JSP, JDBC, Struts, Spring, Hibernate, Restful web services, Spring Boot & Micro services.
* Experienced in using web/application servers such as Apache Tomcat, IBM WebSphere, IBM WebLogic.
* Experience with XML and related standards and technologies like SOA, Web Services and API integration experience, SOAP, WSDL, XML, JAXB, JAX-WS.
* Extensive experience in developing scalable, reliable and efficient enterprise applications using Java, Spring, Hibernate, Web services, JSF, JDBC, JSP, Servlets.
* Proficient in Core Java with strong understanding of data structures, algorithms, Collections, Concurrency, Multithreading, Event handling and performance tuning.
* Experienced in integrating enterprise applications using JMS, SOAP and RESTful Web services
* Set up Jenkins server and build jobs to provide continuous automated builds based on polling the Git source control system.
* Experience in developing web applications using Spring MVC frame work and Object-Relational Mapping (ORM) technologies such as JPA, Hibernate and Eclipse.
* Proficient in implementation of frameworks like spring, JSF and ORM frameworks like Hibernate.
* Excellent experience with major relational databases Oracle 11g/10g, SQL Server 2005/2008, DB2, and MySQL.
* Experience with JavaScript and JavaScript frame works JQuery, JQuery UI, AngularJS.
* Provided 24x7 on call support in production environment on rotation basis.

Education Details:

Bachelor Degree : B.Sc. Computer science at Andhra Christian College in 2008 from Acharya Nagarjuna University.

Masters (P.G) : Master of Computer Application (M.C.A) at Viswanadha Institute of Technology and Management in 2011 from J.N.T.U Kakinada.

TECHNICAL SKILLS:

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| --- | --- |
| **Programming Languages** | Java8, Java11, Java17, J2EE, XML, SQL, PL/SQL |
| **Middleware** | J2EE, JBoss4.2.3/4.3.0 |
| **Web Technologies** | HTML5, CSS, JavaScript, Bootstrap UI, JDK, AJAX, Angular 10v |
| **Cloud Technologies** | AWS |
| **Scripting Languages** | UNIX Shell Scripting |
| **Frameworks** | Spring, Spring Boot & Spring Cloud |
| **Monitoring and Testing Tools** | Splunk, Kibana, Grafana, Junit, Mockito, Sonar, Fortify |
| **IDE’s/Utilities** | Eclipse, Putty, IntelliJ, STS, NetBeans |
| **Database** | Oracle 10g/11g, MS SQL Server, MongoDB, Cassandra, PostgreSQL |
| **Build Tools** | Ant, Maven, Bitbucket, JIRA, Confluence, Bamboo, SQL Developer |
| **Process & Concepts** | Agile, SCRUM, SDLC, Object-Oriented Analysis and Design, Test driven Development, Continuous Integration. |
| **Containerization tools** | Docker, Kubernetes |
| **Version Control** | CVS, SVN, Bitbucket, Accurev, Clear Case, GIT |
| **Methodologies** | Agile , Waterfall, TDD (Test Driven Development) |
| **CI/CD Tools** | Jenkins, docker and Kubernetes |
| **Testing tools** | HTML Unit, Jasmine, Mockito, Selenium |
| **Servers** | Tomcat, Jboss/Wildfly, Weblogic, Web sphere , App Services |
| **Operating Systems** | LINUX, Windows 98/2000/NT/XP |

PROFESSIONAL EXPERIENCE:

Client: British Telecommunication- India April 2023 to September 2023

**Project: BT Core**

**Role: Java / J2EE Lead Developer**

**Organization : TATA Consultancy Services (TCS)**

**Project Description:**

British Telecommunication is the process of charging customers for the use of telecommunication services, such as voice, data, video, and internet. It involves collecting, processing, and presenting information about the consumption, rates, discounts, taxes, and fees of various service plans and packages.

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to develop a Spring Boot framework-based application retrieve data from kafka, process and cater and update them to DB. Developed a spring boot application from scratch. Implemented various API in spring boot to meet the business needs and deployed. Involved in development of the application in Spring Boot Microservices. deployed it to Jenkin as a job that runs as a microservice. Helped new joiners to understand the requirements Actively involved in debugging and fixed the production issues. Creating proof of concept if any new technology needs to be integrated

**Responsibilities:**

* Involved in all phases of Software Development Life Cycle (SDLC) like Analysis, Designing, Developing, Testing, and Finalizing.
* Implemented Micro Services based cloud Architecture on Azure platform for deployment.
* Analyzed the technical requirements and created various models required for the project.
* Involved in the process of Design, Coding and testing of a SpringBoot application.
* Followed standards in writing code using Java 8/11, Spring restful web services, Spring, Spring data-JPA.
* Handled application security using Spring Security for Rest API services by creating JWT token.
* Used Micro services architecture with Spring Boot based services interacting with API’s.
* Applied Spring boot Actuator to monitor & manage application.
* Designed and developed the REST API’s using Spring Boot.
* Reviewing reports from dashboard and observe if there are any spikes then identify RCA - Root Cause Analysis.
* Used Agile software development with Scrum methodology.
* Worked on rectifying the memory leakage issues like memory exhaustion and garbage collection issues of server-side application.
* Used Jira for Iteration Planning, Bug Tracking, and scheduled all or parts of requirements from the release backlog.
* Working with Front End/UI Technologies like, HTML, CSS, Angular 10, Bootstrap, JSON.
* Create Component and Services and inject into the Angular Application.
* Development of Angular Application to flow of the data.
* Converted mock-ups into hand-written HTML, XHTML, JavaScript, JQuery, XML and JSON.
* Finding the issues for both 4xx/5xx as well as Front End errors.
* Providing fixes for Cart Validation issues once done with proper analysis is completed.
* Also supporting on release days proactively and report the issue if Observe as part of production deployment.
* Improved code quality using approaches such as unit testing tools and end to end testing for the fixes.

**Environment**: Java17, J2EE, Spring Boot, MicroServices, REST Web Services, Angular 10v, XML, XSLT, HTML, Tomcat , Oracle 11g, Maven, GIT.

**Client**: **CIGNA- India**   **September 2021 to April 2023**

**Project: NORTH CORNER STONE**

**Role: Sr Java Full Stack Developer**

**Organization : ACCENTURE SOLUTION Pvt. Ltd.**

**Project Description:**

North Corner stone 09/2021 to 04/2023 Client – Cigna (September 2021- PRESENT) client enrollment process and update the info of the existing data. Led a team of 3 developers to develop a Spring Boot framework-based application retrieve data from kafka, process and cater and update them to DB. Developed a spring boot application from scratch. Implemented various API in spring boot to meet the business needs and deployed. Involved in development of the application in Spring Boot Microservices. deployed it to Jenkin as a job that runs as a microservice. Helped new joiners to understand the requirements Actively involved in debugging and fixed the production issues. Creating proof of concept if any new technology needs to be integrated

**Responsibilities:**

* Involved in design phase, reviewed Target Architecture which was provided by Cloud Architect.
* Reviewed assessment documents prior to start the development and raised a design bugs with Arch team.
* Creating and implement the components and services in UI by using Angular.
* Upgraded the spring framework version and relevant changes as part of Cloud migration.
* Defined development tasks, User Story creations for tasks, assigns stories to developers and monitors and reports status of development tasks.
* Improved code quality using approaches such as unit testing tools and end to end testing.
* Analyzed technical needs and develop coding with design objectives.
* Experienced in Peer testing, code review, and impact analysis of the modules developed by the other team members.
* Worked extensively on Java Design Patterns like Singleton, Factory, DAO, MVC etc.
* Writing effective APIs and integrating with other systems or services.
* Hands on experience with Azure cloud technologies and API integration.
* Operating in a DevOps environment using Continuous Integration/Continuous Delivery (CI/CD) principles.
* Experience using Spring MVC, Spring DAO, Spring Data, Spring IOC, Spring Annotations, Spring AOP, Spring Transactions and Spring Security.
* Involved on overall Software Development Life Cycle (SDLC) including requirements gathering, prototyping, designing, implementing, testing, maintenance, and full documentation.
* Design Patterns like Facade, Singleton and Factory Pattern were used.
* Working with Front End/UI Technologies like, HTML, CSS, Angular 10, Bootstrap, JSON.
* Create Component and Services and inject into the Angular Application.
* Development of Angular Application to flow of the data.
* Monitoring the application by Splunk

**Environment**: Java/J2EE, Spring Framework, Kafka, Splunk, HTML, Angular 10v, Tomcat , Oracle 11g, Spring framework, Spring DAO, Spring Integration, RESTful Web Services, JUnit, Maven, AWS App services.

**Client**: **Northern Trust- India July 2019 to Sept 2021**

**Project: Northern Trust Bank**

**Role: Java/J2EE Developer**

**Organization : VIRTUSA CONSULTING SERVICES PRIVATE LIMITED.**

**Project Description:**

Northern Trust WD (WEB Data) is a data processing application, it is an ELT application. ETL is a type of data integration that refers to the three steps (extract, transform, load) used to blend data from multiple sources. It's often used to build a data warehouse. During this process, data is taken (extracted) from a source system, converted (transformed) into a format that can be analyzed, and stored (loaded) into a data warehouse or other system. Extract, load, transform (ELT) is an alternate but related approach designed to push processing down to the database for improved performance.

**Responsibilities:**

* Contributed to all stages of software development lifecycle.
* Worked within agile development teams to translate customer needs into user stories and delivering working capabilities at the conclusion of each sprint.
* Responsible for debugging, upgrading and correcting errors in Java programs.
* Review and integrate technical and application architecture requirements.
* Participated in the full agile application development life cycle for new development design, construction and testing of Java applications, Web Services (SOAP and REST), and reusable components to support overall project.
* Supported continuous improvement, investigating alternatives and technologies, and resolved any technical issues arising.
* Resolved security related issues in the design of roles needed for the assignment of the queries and code changes with fixes to the end users.
* Involved to write several Technical Specification document.
* Experienced in Peer testing, code review, and impact analysis of the modules developed by the other team members.
* Worked extensively on Java Design Patterns like Singleton, Factory, DAO, MVC etc.
* **Environment**: Java/J2EE, Spring Framework, Kafka, HTML, Angular 10v, MongoDB , Spring framework, Spring DAO, Spring Integration, RESTful Web Services, JUnit, Maven, PCP App services.

**Client**: **Hitachi- India April** **2018 to June 2019**

**Project: Hitachi IOT**

**Role: Java/J2EE Developer**

**Organization : VIRTUSA CONSULTING SERVICES PRIVATE LIMITED.**

**Project Description:**

Hitachi\_iot is Internet of Things (IOT) application, it will interact with Kaa IOT and getting data from the Sensors. The main motive of the application is capturing data from sensors and populate the data according user requirement and send the alerts according to the devices.

We can create the devices like chillers, elevators, Camaros etc. And we will define the attributes according to the requirement and convert the sensor data into the attributes and manage those devices and populate the data in the map or pi-charts and statues of the devices.

**Responsibilities:**

* Worked on data services platform by analyzing business requirements, technical designing, implementation and documentation using Agile Methodologies.
* Involved in developing applications with REST web services and experienced with securing the rest web services.
* Creating and implement the components and services in UI by using Angular.
* Created and Consumed Restful Web Services using Spring boot.
* New library development with micro services architecture using Rest APIs, spring boot.
* Enhancement of the existing functionality to persist the messages to Cassandra DB in Kafka.
* Implemented SOA architecture with web services using SoapUI, WSDL and RESTful.
* Designed GUI using JQuery, CSS to improve visual effect on the dynamic front-end.
* Developed Web Services clients to consume those Web Services as well other enterprise-wide Web Services.
* Using UML, Java/J2EE, Web technologies that include JSP, Servlets, JMS, JDBC, HTML, XML, Java Script and Hibernate.
* Strong experience in working with Core Java concepts like OOPS, Multi-threading, Exception handling, Generics, Collections, Networking etc.
* Implemented the web layer using Spring
* Exposed the Web Services to the client applications by sharing the WSDL’s.
* Method references are used provided in Java8 to make use of methods already named.
* Used core java for multithreading and exception handling
* Worked on Junit testing using Mockito framework.
* Unit tested all the classes using JUNIT at various class level and methods level.
* Used Core Java Collections, Exception Handling, multithreading and generics.
* Involved in development of service layer and DAO layer using Spring framework and Hibernate
* Create CI\CD pipe lien and webhock to deploy the project.

**Environments:**JAVA8, J2EEApplication server, Spring, Hibernate, WebServices, HTML, CSS, SQL Server, Angular8, Oracle 11g, Apache Tomcat 8.524, VMware.

**Client: CITY Bank- India June 2017 to March 2018**

**Project: Credit Platform**

**Role: Full Stack Java Developer**

**Organization : VIRTUSA CONSULTING SERVICES PRIVATE LIMITED.**

**Project Description:**

There is a business need for a simulator within EMEA and US/LATAM CP which would enable the user to simulate the LV and Margin Call Status derivation for prospective clients and existing clients

When a prospective client comes to the business with a portfolio of assets and enquires regarding the loanable value (LV) of the portfolio or if, the business user wants to analyse the Margin Call Status for existing clients by adjusting the existing assets and exposures or by adding new assets and exposure, it would have to be done manually in a spreadsheet. This makes the process tedious and error prone.

Credit Platform is private bank of CITI bank, it’s maintaining the client collaterals that may be a liquid or non-liquid, and updated the data within the business days. To achieve this one by using the Intraday, in that capture the existed data and changed data of the user, and calculated with their collateral to knows the margin status of the client and give it to the user.

**Responsibilities:**

* Worked on development/enhancements of City Intake form flow using Java/J2EE/Restful Webservices/Angular Js Technologies.
* Implemented new functionalities as part of the enhancements which helped to business users to automate the manual efforts.
* Experience with application optimizations such as performance and memory optimizations, debugging memory leaks, caching, scaling.
* Experienced in Java based Architecture Design and Development, Database design, Code Review, Performance optimization, Modularization of application and its integration.
* Worked on the Work Requests where we modify/update/cancel the forms data from the backend using Database queries.
* Used DevSecOps tools to build, deploy and scans.
* Supporting for Releases and Change Controls on weekly basis to perform the validations for my changes on Production Env.
* Interacted with Business Users, System Analysts to design System Architecture to obtain information on project limitations and capabilities, performance requirements and interfaces.
* Good working knowledge of continuous integration and delivery (CI/CD) and toolsets that provides this ability.
* Wrote scripts (start, stop & ping) for web application server administration.
* Configured SSL Certificates for Wildfly and Apache servers.

**Environment:** Java8, JDK1.5, J2EE, Core Java, Spring, Hibernate, HTML, CSS, JavaScript, Angular,Jboss Wildfly App Server, VMware, CAMUNDA , XML, JIRA, Oracle10g, Oracle 11g, Ant1.5.1, Linux, FTP.

**Client: Allianz-Pune, India APRIL 2016 to May 2017**

**Project: Apeiron - ABS**

**Role: Java Developer**

**Organization: Allianz Managed Operations & Services SE**

Project Description:

Allianz Business System (ABS) is a insurance product developed by Allianz Austria which provides basic

Insurance functionalities. The aim of Apeiron project is to replace legacy Allianz Greece system with

ABS. Functionality Fit, Configuration, customization where the major phases while implementing Apeiron

Project. These projects have mainly following areas:

1. Rich Client / RAP
2. Portal
3. Interface (Enterprise Service Bus and Internal Web-Service – JBOSS SOA, Switchyard)
4. Host

RichClient application is SWT desktop-based application, which is mainly used in head quarter of Allianz Office. Portal is a Web based application and main user of this applications are Agent, End Customer, Claimant, etc. The RichClient and Portal is GUI layer and it called as head platform.

Interface area is basically service area for different platforms outside or inside user, Aggregator service, etc. This area has no GUI part, hence called headless platform. DWH and Host are backend part of this wide project handled mainly Database, file related stuff.

This project covers following topic like:

1. User creation/maintenance
2. Contract creation/maintenance
3. Claim creation/maintenance

**Responsibilities:**

* Responsible for the implementation of application system with Core Java and spring framework.
* Created and injected spring services, spring controllers and DAOs to achieve dependency injection.
* Improved code quality using approaches such as unit testing tools and end to end testing.
* Successfully completed the application migration from Struts framework to Spring Framework.
* Involved in different ERs(Enterprise Release) for development and enhancement.
* Implemented reusable components as part of the application migration.
* Handled and Supported for Regression Team for couple of releases.
* Involved in the debugging the code and provided the fix in minimal time.
* Implemented on Java Design Patterns like Singleton, Factory, DAO, MVC etc.
* Experienced in Peer testing, code review, and impact analysis of the modules developed by the other team members.
* Defines development tasks, User Story creations for tasks, assigns stories to developers and monitors and reports status of development tasks.
* Designed and Implemented REST web Services for the application
* Automated and scheduled backups on all UNIX Machines using shell scripts.
* Performance tuning was done with respect to system, connection pools Execute threads and JVM heap size.
* Installed, configured and integrated Web servers (plug-in file), SiteMinder agents and LDAP user directory with WAS.
* Installation and configuration of BPM v7.5
* Developed multiple POCs to create a user interface in Angular JS.
* Configured and Enabled the Global Security System for WAS Administration for Console users and Console Groups using Active Directory Server as a LDAP User Registry.
* Develop domain monitoring java class using JMX to collect JDBC, JVM, and Execute Queue statistics for Managed Servers.
* Document and establish standard processes to ensure repeatability for J2EE administrators.
* Provided Migration configuration for transactions, security, services, JMS servers and services while transitioning from development to production environment.
* Installed Oracle 8i/9i/10g client software on the application server and configuring the connectivity using JDBC drivers for the database.
* Deployment and Troubleshooting of JAR, WAR and EAR applications in clustered environment with WebSphere.
* Created Tomcat instances and modified each and removed shared component.
* Performed extensive trouble shooting experience including stack trace analysis and JVM tuning experience by changing to heap sizes according to the requirement.
* Monitored free space, disk usage, locating files, checking & clearing log files, administration & monitoring of file systems, network & virtual memory statistics.

**Environment:** Java, J2EE, HTML, CSS, JavaScript, jQuery, AngularJS, WebSphere Server 8.x, Jenkins, WSRR, IIB, SUN Solaris 8.0/10.0, Linux, Oracle 10g, JDK 1.4/1.5,1.6, Servlets, EJB 2.0, Apache.

**Client: ATLAS -Pune, India April** **2014 to April** **2016**

**Project: ATLAS WEB**

**Role: Java/J2EE Engineer**

**Organization: ZenSar Technologies**

Project Description:

ATLAS is the name for the overarching technical solution being developed for Group Control. The solution will be comprised of a range of underlying components and modules that will be launched from a single, common front-end and will share a central database.

The modules that have been identified are:

* Indicators
* Action Tracker
* Incidents
* Risk Register
* Business Static Data

**Responsibilities:**

* Perform complete application life cycle function (SDLC) from conception to final release to users including design & analysis, Implementation, Testing, Deployment & Maintenance.
* Analysis and review of requirements specification document for clarifications from programming perspective.
* Developed code in Java, J2EE, Webwork and Hibernate using Pair programming and TDD.
* Used Spring JDBC to execute database queries. Created row mappers and query classes for DB operations.
* Used JDBC calls in the Enterprise Java Beans to access Oracle Database.
* Created and managed application database connections and application database.
* Implemented the project by using MVC framework.
* Used JSP for presentation layer, entity beans as the model to represent the persistent data and interacted with Oracle database as per MVC Architecture.
* Developed application on Spring framework by utilizing its features like Spring Dependency injection, Spring Security, Spring Web flow with Spring MVC.
* Integrated application with Spring Security for form based authentication and authorization.
* Developed business logic layer using Spring Framework and integrated Hibernate.
* Involved in Spring IOC and Spring AOP framework implementation.
* Implemented java multithreading to access interfaces.
* Developed custom application API’s based on workflows derived from design.
* Design Implementation of GUI using HTML, JSP and Java Script for front-end validations.
* Designed and implemented the User Interface using JavaScript, HTML, XHTML, XML, CSS, JSP, and AJAX.
* Worked with JSON as well as XML to consume and produce Http Requests and Responses.
* Designed Java Servlets and Objects using J2EE standards.
* Involved in resolving Production Issues, Analysis, Troubleshooting and Problem Resolution and performance Management.

**Environment:** Oracle DB, Eclipse IDE, XHTML, AJAX, XSLT, J2EE, JSP’s**,** HTML, CSS, Bootstrap, Multithreading, jQuery, JavaScript, Spring IOC, Spring AOP, Spring JDBC, Hibernate, XML, WebLogic, Windows XP, UNIX etc.