## **Panneer**

**panneer.work@gmail.com**

**PROFESSIONAL SUMMARY**

* Having **8+ years** of experience in all the technical phases of **Software Development Life Cycle** (**SDLC**) including Requirement Analysis, Design, Implementation and Testing in both Web based and Enterprise applications with emphasis on **Object Oriented, Java/J2EE** technologies.
* Experience in Strong application development using **Agile** Software Development methodologies like **Scrum, Sprint** andTraditional software models like **Waterfall and Test-Driven Development**.
* Experience in Front-End UI technologies like **HTML5, CSS3, jQuery, JSON, Ajax, AngularJS, Angular 4/6/7, Bootstrap, JSTL** with cross browser compatibility of webpage and **responsive web design** andServer scripting language like **Node JS.**
* Developed the application using **Java 1.8** and implemented its features like **lambdas Expressions, Time API, Streams, functional interfaces, collectors, default methods, type interfaces, for each.**
* Having experience with Cloud Computing environment like **Amazon Web Services (AWS) and Docker Containers.**
* Handled operations and maintenance support for **AWS** cloud resources which includes launching, maintaining and troubleshooting **EC2 instances**, **and S3** buckets, **Auto Scaling**, **Dynamo DB, AWS IAM**, Elastic Load Balancers (**ELB**) and Relational Database Services (**RDS**).
* Proficient in developing **J2EE** enterpriseapplications in **Service Oriented Architecture** and **Micro Service Architecture.**
* Hands on Experience in developing web applications by using **Spring** framework modules like **Spring IOC, Spring AOP, Spring MVC, Spring Security, Spring Boot, Spring Batch** and **Spring Data.**
* Expertise in developing data models using **Hibernate** Object relational mapping (**ORM**) frame work and used **Hibernate Annotations** to reduce time at the configuration level.
* Expert in **Core** Java with strong understanding of **Garbage Collector, Collections, Multithreading, Event handling, Exception handling** and **Generics.**
* Expertise in **J2EE** Technology **Servlets, Struts,** **Spring, JDBC, JTA, JPA, Hibernate** and **JMS.**
* Experience with distinctive **design patterns** like **Singleton, Factory, Prototype, Business Delegate, Session Facade, Observer, Decorator, Front Controller, DAO** and **MVC.**
* Worked with design and development of robust and highly scalable Web Service platforms and **API’s** based on **REST** and **SOAP** for enterprise applications using **AXIS,** **WSDL, UDDI, XML, JAX-WS, JAX-RS, JAXB, JAX-RPC** technologiesand **Jersey** frameworks.
* Expertise in **XML** technologies such as **XSL, XSLT, XML schemas, XPath, X-Forms, XSL-FO** and **parsers like SAX, DOM.**
* Expertise in back-end/server-side java technologies such as **Web services**, **Java persistence API** (**JPA**), Java Messaging Service (**JMS**), Java Database Connectivity (**JDBC**) and Java Naming and Directory Interface (**JNDI**).
* Experienced in building **Web Services** for Service Oriented Architecture (**SOA**).
* Good Understanding in **databases** such as **Oracle, MySQL, SQL Server, Mongo DB and IBM DB2** databases to manage tables, views, indexes, sequences, stored procedures, functions, triggers and packages.
* Proficient with build automation tools like **Gradle3.0** and **Ant** for builds and deployments to different environments.
* Experience on different **IDEs** such as **Eclipse, RAD, Spring Tool Suite, IntelliJ** and deployment using Application Servers like **Apache Tomcat, WebLogic, Web Sphere** and **JBOSS.**
* Experience with **JUnit, Mockito, and Log4j** in developing test cases and determining application functionality.
* Decent Experience in using code repository tools **GIT**, **Tortoise SVN and Clear case.**
* Effective communication and analytical skills and a demonstrated ability to handle multiple tasks as well as work independently or in a team.

**TECHNICAL SKILLS**

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| **Languages** | C, C++, Java 1.8, J2EE, PL/SQL. |
| **Web Technologies** | HTML5, CSS3, JavaScript, AngularJS, Angular4/6, XML, XSD, XSL/XSLT, SAX/DOM, AJAX, jQuery, Bootstrap, JSON, NodeJS. |
| **Tools & Framework** | Struts, Spring, Hibernate, Spring MVC, Spring Cloud, Spring Web Flow, Spring IOC, Spring AOP, Spring Boot, Spring Batch, Spring Security, SOAP UI. |
| **J2SE/J2EE Technologies** | JDBC, Servlets, JSP, JMS, JSTL, Struts, Hibernate, Spring, JTA, JNDI, JPA, Web Services. |
| **Development Tools** | Eclipse, RAD, Spring Tool Suite STS, IntelliJ. |
| **Databases** | Oracle, MS SQL, IBM DB2, MySQL server, MongoDB. |
| **Testing Tools/ Others** | JUnit, SoapUI, Log4j, Mockito, JIRA. |
| **Version Control** | Tortoise SVN, GIT, Clear case. |
| **Build Automation** | ANT, Jenkins, Maven, Gradle. |
| **OS & Environment** | Windows, UNIX, LINUX, MAC. |
| **Cloud Technologies** | AWS EC2, S3, Dynamo DB, Docker. |
| **Methodologies** | Agile, TDD, Waterfall. |

**PROFESSIONAL EXPERIENCE**

**Client:** **Charter Communications Aug’20 - Present**

**Location: Denver, CO**

**Role: Full Stack Java Developer**

**Description:** **Charter Communications, Inc.** is an American [telecommunications](https://en.wikipedia.org/wiki/Telecommunications) and [mass](https://en.wikipedia.org/wiki/Mass_media) [media](https://en.wikipedia.org/wiki/Mass_media) company that offers its services to consumers and businesses under the branding of [Spectrum](https://en.wikipedia.org/wiki/Spectrum_%28cable_service%29). Providing services to over 26 million customers in 41 states, it is the second-largest [cable](https://en.wikipedia.org/wiki/Cable_television) operator in the United States by subscribers, just behind [Comcast](https://en.wikipedia.org/wiki/Comcast), and third largest pay TV operator behind Comcast and [AT&T](https://en.wikipedia.org/wiki/AT%26T). It is the fifth largest telephone provider based upon residential subscriber line count.

**Responsibilities:**

* Involved in various phases of Software Development Life Cycle (**SDLC**) such as requirements gathering, modelling, analysis, design, development, and testing.
* Upgraded existing UI with **HTML5, CSS3, jQuery,** **Bootstrap, React JS**.
* Implemented core features of **AngularJS** framework such as Dependency Injection, Data Binding, Filters, Directives, Templates, Services and Deep Linking Designing.
* Highly used **Angular 4/6** Router to build single page applications for navigation through different status and multiple models.
* Successfully built Web and Mobile Payments (WMP) UI using **React JS** Frame-work and integrated to the Backend Service via **Ajax** call.
* Building stable React components and stand-alone functions to be added to any future pages.
* Used **Java 1.8** features like stream and **Lambda** expressions.
* Maintained **Interface** compatibility and **concurrency** in the project using **Java 1.8** new features like **default**, **static** methods and Concurrency API.
* Used **Eclipse** IDE for Debugging and development of Application.
* Designed and developed **Micro Services** business components using **Spring Boot.**
* 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, maintenance will be very easy.
* Used **Spring AOP** for solving crosscutting concerns like keeping logged data and transactions details etc.
* Used **Spring Batch** for processing a large amount of data like transaction management, job processing, resource management and logging.
* Secured the API's by implementing **Oauth2** token-based authentication/authorization scheme using **Spring security**.
* Used **Hibernate** **ORM** **framework** as persistence engine and wrote **Hibernate** **Queries** to automate the mapping between **Oracle** database and **Objects** in **Java**.
* Involved in writing **SQL** and **Stored Procedures** for handling complex queries with help of **TOAD** and access them through Java Programs from **Oracle Database**.
* Experience in writing complex **PL/SQL** queries using joins, Stored Procedures, Functions, Triggers, cursors, and indexes in Data Access Layer.
* Worked with **MongoDB** to store non-relational data into the collection and retrieve them whenever required.
* Used **WebLogic Application Server** to route our **JMS** queue messages to different business floors and configured routes in **WebLogic** and used **JMS** in the e-mail notification.
* Developed Restful **Micro Services** using **Spring Rest** and **MVC**, for **OSS** services.
* Hands on Coding to build **REST Micro Services** using **Spring Cloud, Oracle, XSD, JSON, Spring Config, Cloud Foundry and Jenkins.**
* Developed and published Webservices using **Spring Rest** and **JAX**-**RSAPI**.
* Responsible for creating an instance on **Amazon EC2** (**AWS**) and deployed the application on it.
* Installed, secured, and configured **AWS** cloud servers and **Amazon AWS** virtual servers (**Linux**).
* Worked on developing **Restful** endpoints to cache application specific data in in-memory data clusters like **REDIS** and exposed them with **Restful** endpoints.
* Focused on **Test** **Driven** **Development** by creating detailed **JUnit** tests for every single piece of functionality before writing the functionality.
* Worked in an **Agile** environment using SDLC tools like **GIT, Jira, Jenkins**, **and Maven** for build packaging and deployments of the application components.

**Environment:** Agile,Java 8**,** HTML5, CSS3, JavaScript, jQuery, React JS, Angular4/6, Spring Boot, Spring Rest, Spring Cloud, Spring MVC, Spring AOP, Spring Batch, OAuth2, Hibernate, Oracle, MongoDB, WebLogic Application Server, JMS, Microservices, AWS, RESTful web services, TDD, GIT, JIRA, Jenkins, Maven.

**Client:** **MasterCard Worldwide Aug’19 – July’20**

**Location: St. Louis, MO**

**Role: Full Stack Developer**

**Description:** The E-service Online project is designed and developed for MasterCard Worldwide customers. The Online Reports application to provide MasterCard customers an online view into their mandatory as well as optional reports. MasterCard customer user can request access to the Online Reports tool including the ability to view/export/print specific mandatory and/or options reports. The Online Reports tool receives and loads reports into eService database. The reports are received from the provider systems. This tools have billing feed process to provide accuracy & flexibility to handle different kinds of billing models.

**Responsibilities:**

* Worked on High level and low-level system design, planning, estimation and implementation
* Developed presentation layer using **JSP, HTML5, CSS3** and client validation using **JavaScript.**
* Developed Single page application and structured the **JavaScript** code using **Angular4.**
* Design and develop template-based User Interface using **Bootstrap** and **Angular 4.**
* Handled all the client-side validations, slide show, hide and show controls, dropdown menus and tab navigation using **JQuery.**
* Created **Virtual DOMs** and in-memory data structures using **ReactJS** and worked on creating **Stateful** **Components** to hold values throughout the component.
* Developed the Drag and Drop functionality using React- Drag gable.
* Developed the application using **Java 1.8** and implemented its features like **Lambdas Expressions, Time API, Streams, functional interfaces, collectors, default methods, type interfaces, foreach.**
* Excellent in deploying the applications in **AWS** as **EC2** instances and create snapshots for the data that must be stored in **AWS S3**.
* Utilized **Amazon** Web **Services** (**AWS**) **EC2** to deploy **Docker** containers.
* Create and configured the continuous delivery pipelines for deploying **Micro Services** and **Lambda functions** using **Jenkins** **CI** server.
* Worked on development and implementation of the **MVC** Architectural pattern using **Spring Framework**.
* Extensively used various **Spring Framework** modules like **MVC, Dependency Injection (IOC), Auto Wiring, Spring Security and AOP**. Created and injected **spring services**, **spring controllers** and **DAOs** to achieve dependency injection and to wire objects of business classes.
* Used **Spring MVC** framework at the Web tier level to isolate each layer of the application so that complexity of integration will be reduced and maintenance will be very easy.
* Used **Spring AOP** for solving crosscutting concerns like keeping customer log data and transactions details etc.
* Implemented Batch jobs to deal with large number of chunks using **Spring Batch Framework** to execute the similar jobs simultaneously.
* Developed **RESTful** web servicesusing **Jersey** for **JAX-RS** implementation using **Spring Boot** and **Microservices** Architecture.
* Modified existing applications to a suite of **microservices** and all **microservices** to facilitate deployment using **Spring Boot** and **Junit** and **Power Mock** frameworks for unit testing.
* Designed and integrated the full-scale **Hibernate** persistence solution with the application architecture.
* Involved in design and development of the **Hibernate Domain Model** for the service.
* Involved in using **JPA** (Java Persistence API) frameworks and APIs as **JDO** and **Hibernate.**
* Enterprises Integrated Pattern Implemented with **Apache Camel (ESB).**
* Developed a **RESTful** based service for data retrieval to make it independent of the current application.
* Involved on development of **RESTFul** web services using **JAX-RS** in a **Spring** based project.
* Worked on **XML** and **JSON** for transferring and retrieving data between different applications.
* Wrote services to store and retrieve user data from **MongoDB** for the application on devices.
* **WebSphere** is used as an Application Server to Deploy the Application.
* Experience in using **JUnit** and build tools such as **MAVEN.**
* Collaborated with testers and developers and prepared test plans for producing high quality software applications
* Worked on **Log4j** for logging errors, messages and performance logs

**Environment:** Java 1.8, J2EE, HTML5, CSS3, JQuery, Bootstrap, JavaScript, Angular4, React JS, Hibernate, Spring MVC, Spring IOC, Spring Boot, spring security, XML, GIT, JSP, JUnit, Maven, IBM WebSphere, Apache, JAX-RS, Restful, Amazon Web Services (AWS), Micro Services, Log4J, Oracle, Mongo DB, WSD and Spring Tool Suite.

**Client: Aetna Jun’18 – Jul’19**

**Location: Hartford, CT**

**Role: Full Stack Java Developer**

**Description**: Aetna Inc. is an American [managed health care](https://en.wikipedia.org/wiki/Managed_health_care) company, which sells traditional and [consumer directed health care](https://en.wikipedia.org/wiki/Consumer_directed_health_care) insurance plans and related services, such as medical, pharmaceutical, dental, behavioral health, long-term care, and disability plans.

**Responsibilities:**

* Participated in all the phases of **SDLC** including Requirements gathering, Design, Analysis of the Customer Specifications, Development and Customization of the application
* Adapted **Agile** **Methodology** from specification, Analysis, Design, System integration, Testing, Deployment and Maintenance
* Involved in daily standup meetings to provide regular updates on individual tasks and progress of user stories.
* Developed UI components using **Angular JS**, **Node JS**, **JavaScript**, **JSP**, **Html** tags, **CSS**, **Ajax** and **JQuery**
* Used **Eclipse** as IDE, configured and deployed the application onto **Tomcat** application server using **Maven** build scripts to automate the build and deployment process
* Developed user-friendly interface to seamlessly combine the new module with existing login system by using **AngularJS.**
* Designed and developed various modules of the application with J2EE design architecture and frameworks like **Spring MVC** architecture and Spring Bean Factory using **IOC**, **AOP** concepts
* Used **REST** methodology using **HTTP** **Handlers** in developing **Web** **Service** replication interface for setting up data feeds for content transportation in **XML** and **JSON** formats
* Involved in integrating **JAX-RS** into **Spring Boot** application
* Developed **interfaces/APIs** in Java to interact with various backend systems.
* Maintained **Interface** compatibility and **concurrency** in the project using Java8 new features like default, static methods and Concurrency API
* Created web services using **Spring @Rest Controller** to return **JSON** to the frontend.
* Involved in writing Spring Configuration XML, file that contains declarations and business classes are wired-up to the frontend managed beans using **Spring IOC** pattern
* Implemented the application using **Spring IOC**, **Spring MVC Framework**, **Spring Batch** and handled the security using **Spring Security.**
* Used **multithreading** in programming to improve overall performance using **Singleton** design pattern in **Hibernate** Utility class.
* Developed the persistence layer using **Hibernate Framework**, created the **POJO** objects and mapped using **Hibernate annotations** and **Transaction Management.**
* Implemented **Micro** **Services** based Cloud Architecture on **AWS** Platform and **Cloud** **Foundry**
* Used **Amazon** **S3** to backup database instances periodically to save snapshots of data
* Implemented service methods and SQL queries, **PL/SQL** to interact with the **Oracle** DBMS
* Developed queries to perform **CRUD** operations.
* Good Expertise in Stream of API for Bulk Data Operations on Collections and API improvements in **Java 1.8**
* Extensively used **JMS** API for asynchronous communication by putting the messages in the Message queue
* Configured and used **Log4J** for logging all the debugging and error information.
* Implemented **log4j** logging framework by creating various **Splunk** monitoring tools dashboards for easy racking and debugging.
* Looking into the **Splunk** logs for hidden application errors
* Used **LDAP** Authentication for single sign and **authentication, logging** and **Validating** User Credentials
* Used **JIRA** extensively to log all issues and track development status.
* Developed unit testing frame work using **JUnit** test cases for continuous integration testing
* Developed the build scripts using **Maven.**
* Used **GIT** Version Controller 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, JDK 1.8, Spring MVC, Spring Boot, Spring Batch, Spring Security, Hibernate(ORM), Tomcat, Agile methodology, RESTful Web Services, JSP, MySQL, MongoDB, HTML5, CSS3, Java Script, JQuery, Ajax, AWS EC2, S3, Micro Services, Angular JS, Node JS, Bootstrap, Splunk, Maven, Oracle, SQL, PL/SQL, JIRA, Log4j, JUnit, SVN , Git.

**Client: GAP Feb’17 - Jun’18**

**Location: Columbus, OH**

**Role: Java/J2EE Developer**

**Description:** Shipping Solutions project involves creating software, which generates shipping labels and manifest, carrier selection, label modifications etc. and trailer management for online order processing system. Shipping Solutions is written in java and reside on a Linux platform.

**Responsibilities:**

* Involved in analysis, specification, design, implementation and testing phases of **Software Development Life Cycle (SDLC)** based on the functional requirements.
* Application is implemented using agile methodology where there is a daily **SCRUM** meeting to understand the status and resolve any issues.
* Upgraded existing UI with **HTML, CSS, JQuery,** **Bootstrap** and interaction.
* Implemented the application using **Spring IOC, Spring MVC Framework, Spring AOP, Spring Boot, Spring Batch**, and handled the security using **Spring Security.**
* Designed and developed the End Points **(Controllers), Business Layer**, **DAO Layer** using **Hibernate/JDBC** template and **Spring IOC (Dependency Injection).**
* **Spring MVC** model integration for front-end request action controller.
* Developed the persistence layer using **Hibernate** Framework**,** created the **POJO** objects and mapped using **Hibernate annotations** and **Transaction Management.**
* Extensively used hibernate named queries, criteria queries, **Hibernate Query Language (HQL)** and Optimistic Locking and Caching to process the data from the database.
* Developed **Micro Services** using **Spring MVC, Spring Boot.**
* Involved in creating various **Data Access Objects (DAO)** for addition, modification and deletion of records using various specification files.
* Used **Apache Axis** Service Engine for creating and deploying Web Service clients using **SOAP**.
* Consumed **SOAP** and **RESTful Web Services** in **SOA** environment and used **SOAP UI** for testing.
* Created flows on messaging using **Active MQ.**
* Written **Stored Procedures** and **SQL** Queries to interact with **MS SQL Server.**
* Extensively used **JUnit** for unit testing, integration testing and production testing.
* Involved in installing and configuring **Maven** for application builds and deployment.
* Used **JIRA** to assign, track, report and audit the issues in the application.
* Worked with **Intellij** and used **Gradle** build tool to achieve more functionality for build process.
* Involved in Maintenance and Enhancements for the project.

**Environment:** Agile Methodology, Java, HTML, CSS, Bootstrap, JQuery, NodeJS, Spring IOC, Spring MVC, Spring Batch, Spring Security, XML, XSD, SOAP, RESTful, Active MQ, Log4j, SOA, Apache Tomcat, JUnit, Maven, GIT, JIRA and IntelliJ.

**Client:** **TekStrom Inc. Aug’14 - Sep’16**

**Location: Bangalore, India**

**Role: Java Developer**

**Description:** The objective of this project is to implement a web based front end system which can be used by the employees, managers and higher-level management having specific role permissions for effective processing of day to day business activities in the company like leave management, project management and resource management etc.

**Responsibilities:**

* Involved in **SDLC**– Requirements gathering, Conceptual Design, Analysis, Detail Design, Development, System Testing and User Acceptance Testing.
* Implemented **Use Case Diagrams** and **Sequence Diagrams** during the design phase using Rational Rose.
* Designed and developed the UI using **JSP, HTML, CSS and JavaScript**.
* Developed user interface with **Servlets and JSP**.
* Responsible in creating Servlets, which route submittals to appropriate **Enterprise Java Bean** (EJB) components and render, retrieved information.
* Involved in implementing the **DAO pattern** for database connectivity and used the **JDBC API** extensively.
* Used **Agile approach** for the Software Development.
* Also, worked with the PDF and EXCEL format file download of user data on JSP’s when user wanted to save his/her personal data on **JSP page tables**.
* Involved in collecting requirements from Business Users and Data Modeling, designing and developing Tools using **J2EE, Java, Servlets, EJB, and JSP**.
* Worked on **WSDL**’s files in **SOAP web** services for publishing Services and for consume some webservices.
* Involved in writing complex queries using **PL/SQL** to extract data from database and to delete the data and to reload the data on Oracle database.

**Environment:** Java, Swing, Hibernate, Spring, XML, XSL, JDBC, SQL, PL/SQL, SOAP, Eclipse, Hypersonic, MySQL, Ant, SVN.

**Client:** **BDS Systems Private Ltd May’12 - July’14**

**Location: Hyderabad, India**

**Role: Java Developer**

**Description:** Involved in product development for logistics workflow systems for several groups in National Network Systems. It is an **ERP** system involving logistics.

**Responsibilities**:

* Developed the application using **Struts** Framework that leverages classical Model View Controller (MVC) architecture.
* Designed the user interfaces using **JSP**s, developed custom tags, and used **JSTL Taglib**.
* Developed various java business classes for handling different functions.
* Developed controller classes using **Struts** and tiles api
* Involved in Documentation and Use case design using UML modeling include development of Class diagrams, Sequence diagrams, and Use case Transaction diagrams.
* Participated in design and code reviews
* Developed User Interface using **AJAX in JSP** and also performed client-side validation
* Developed **JUnit** test cases for all the developed modules. Used SVN as version control

**Environment**: Java, J2EE, JSP, Struts, JNDI, DB2, HTML, XML, DOM, SAX, ANT, AJAX, Rational Rose, Eclipse, SOAP, Apache Tomcat, Oracle, LOG4J, SVN.