**Professional Summary**

* **Java Full Stack Developer** with 14 years of experience as a full stack developer in integrating, and designing service-oriented applications using **Java, J2EE technologies**.
* Have Experience in **Microservices Architecture** with **AWS**, **Spring Boot, Spring MVC, RESTful Services, Azure, Docker and Cloud and UI frameworks like Angular and React**.
* Extensive experience in application development, including requirement gathering and analysis, functional specifications, interface design, feature coding, and final integration and deployment.
* Significant expertise in modern technologies and tools such as **Java EE, Spring, Spring boot, Microservices, Hibernate, MySQL, Oracle, MongoDB, AWS.**
* Good understanding **Core Java SE** concepts like **Streams API, Time API, Functional Interfaces, Multithreading, Transaction Management, Exception Handling, Lambda functions, Generics and Collection API.**
* Developed multiple **Angular components** which are compatible with latest versions of **typescript, Angular CLI.**
* Strong experience in developing **Single Page Application (SPA), using MEAN (Mongo, Express, Angular and Node) stack.**
* Good knowledge on working with **Relational database ORM frameworks like PostgreSQL, MySQL, DB2, Oracle 13c/11g and NoSQL DB (Mongo DB).**
* Expertise to interact with **ORM frameworks** like **Hibernate, Spring Data, iBatis and JPA**.
* Experience on **NoSQL based ORM frameworks**like**Mongoose Connector and Cassandra Node Driver.**
* Experience in developing **enterprise applications** using **frameworks** like**Spring, Struts, Servlets, JSF (Prime Faces).**
* Excellent understanding of **Test Methodologies** and the overall **Software Development Life Cycle (Waterfall and Agile model)** from requirements to product release.
* Proficient in implementation of **spring frameworks** like **Spring MVC, Spring IOC, Spring REST, Spring AOP, Spring transaction Management, Spring Data, Spring DAO, Spring Batch, Spring Security and Spring Boot.**
* Worked on **micro services**-based architecture using **Spring Boot interacting** through **REST API.**
* Worked with **WSDL in implementing SOAP services using Axis-2 and Apache CXF Framework**.
* Experience in **messaging queue services** like **IBM MQ. Rabbit MQ, Active MQ and Apache Kafka.**
* Worked on projects implementing **RESTful services (JAX-RS, Spring Boot), SOAP (JAX-WS, Apache CXF, WSDL, Apache Axis2) and configured using Swagger and WADL.**
* Extensive experience in **Serverless** framework using **NodeJs**.
* Design and implement scalable enterprise monitoring systems by applying continuous integration/delivery concepts. Perform maintenance and troubleshooting of Redhat **OpenShift** systems.
* Work to continuously improve speed, efficiency and scalability of **OpenShift** Systems.
* Leveraged cutting edge technology like **Kotlin**, Navigation, ViewModel and Actions.
* Experience in writing apps from scratch in **Kotlin.**
* Experienced in working with windows, UNIX/LINUX platform with different technologies such as **Big data, SQL, HTML, Core Java, Shell Scripting etc.**
* Writing clean, efficient, and scalable code for individual **microservices** using appropriate programming languages and frameworks. This involves implementing business logic, APIs, and integrations.
* Working with DevOps teams to deploy **microservices** to various environments (development, staging, production) and configuring orchestration tools like Kubernetes for container management.
* Developing web applications, **microservices**, and APIs using **Spring Boot**, leveraging its features for rapid application development.
* Building RESTful APIs and leveraging **Spring MVC** or WebFlux to create endpoints that interact with the application's functionalities.
* Implementing security measures in **SpringBoot** applications, including authentication, authorization, and securing endpoints using Spring Security.
* Hands on experience with **design patterns** like **MVC, Business Object, Value Object, Singleton, Factory Pattern, Business Delegate, Session Facade, Service locator, Front Controller and DAO pattern.**
* Authenticated Users accessing **RESTful services using OAuth 2.0, OID, OIDC and JWT (Jason Web token).**
* Experienced in**AWS Amazon Web Wervices EC2, CloudFront, CloudWatch, DynamoDB, S3, RDS, VPC, VPN, Security Groups, Route53 and through AWS Management console.**
* **Proficient with container systems like Docker and container orchestration like EC2 Container Service, Kubernetes, worked with Terraform.**
* **Hands on experience in Azure Development, worked on Azure web application, App services, Azure Storage, Azure SQL Database, virtual machines.**
* **Expertise in Microsoft cloud services(PaaS & IaaS), Application insights, Document DB, Internet of Things(IoT) and Azure Monitoring.**
* **Managed Docker orchestration and Docker containerization using Terraform.**
* Used Micro Service architecture with **Spring Boot** based services interacting through a combination of REST and Apache Kafka message brokers and Spark also worked with Kafka Cluster using **ZooKeeper.**
* Strong experience with **JUNIT** and **Mockito** for unit testing.
* Designing, Configuring and maintaining **Active Directory Services** on **Windows Server 2003, 2008, 2012 and 2016(Test Development)** domain controller.
* Expertise in **Active Directory** Setup and trouble shooting for any deleted objects and AD recycle bin.
* Experience in implementing **Java EE design patterns** such as **MVC, Singleton, Session Façade, DAO, DTO** and **Business delegate** in the development of Multi-Tier distributed Enterprise Applications.
* Expertise with the tools in **Hadoop** Ecosystem including **Pig, Hive, Storm, Kafka, Spark, Yarn** and ZooKeeper.
* Used **AWS Amazon web services** cloud formation templates and **AMI** to recreate instances
* Hands on experience in **Azure** Development, worked on **Azure Web Application, App Services, Azure Storage, Azure SQL Database,, Virtual Machines, Fabric controller, Azure AD** and notification hub.
* Experience in using **Log4J**, and Version Control using **SVN, Git Hub, Clear Case**and**CVS**.
* Proficient in **SQL, PL/SQL** developed **Stored Procedures, Triggers, Functions and Packages**besides writing **DDL**,**DML**and**Transaction** queries with development tools like **TOAD**and**Rapid SQL**.
* Hands on experience in Node.JSbackend, using express to build the high concurrency, async web server.
* Proficient in **RDBMS** concepts and worked with **MySQL, Oracle, PostgreSQL, DB2**and NoSQL database such as **MongoDB.**
* Tested **Tapestry** components, - Enrolments, benefits, billing, claims and reimbursement.
* Claims processed & Tested in **Tapestry** Module.
* Created checks through **Tapestry** APCheck run.
* Extensive experience in **Spark/Java.**
* Experience in designing and architecting and implementing scalable cloud-based web applications using **AWS** and **GCP.**
* Setup a **GCP** firewall rules in order to allow or deny traffic to and from the **VM’s** instances based on specified configuration and used **GCP** cloud **CDN (Content Delivery Network)** to deliver content from **GCP** cache locations drastically improving user experience and latency.
* Experience in SOA **EIP** using **Apache Camel** spring integration ServiceMix mule ESB.
* Experiencing applying the latest development approaches including MVC, MVVM and event driven applications using AJAX, Object Oriented (OO) JavaScript, JSON and XML.
* Experience in design and development of batch/real time **Spark** processing pipelines.
* Hands of experience with **Spark framework** – **Core Spark, Spark Data Frames** and **Spark streaming APIs.**
* Speeding up Existing Applications with a cache services using **Redis cache.**
* Experienced as **Application & Support DBA** hands on experience in Data Integration
* Experience in using **Log4J**, and Version Control using **SVN, Git Hub, Clear Case**and**CVS**
* Expertise in implementing Service Oriented Architecture (SOA) using Micro services, SOAP/RESTful web services and JMS.
* Worked extensively with Waterfall, Agile Extreme Programming (XP), and SCRUM Methodologies.
* Excellent analytical, problem solving and interpersonal skills. Ability to learn new concepts fast. Consistent team player with excellent communication skills.

**TECHNICAL SKILLS:**

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| --- | --- |
| **Languages** | Java, PL/SQL, Python, C, C++, Kotlin. |
| **J2EE Technologies** | Spring, Struts, Hibernate, Junit, Log4J, Node-JS, Spring Boot, REST Web Services, SOAP, Spring Boot, Micro Services, ActiveMQ, RabbitMQ, JAX-RS, JAX-WS, REST API |
| **Web Technologies** | HTML5, CSS3, JavaScript, ECMAScript, JQuery, Bootstrap,Angular 14, ReactJS, Node.js, ExpressJS, XML, AJAX, SOAP, Apache Camel 2.4, REST, JSON |
| **Design Patterns** | Singleton, Session façade, Front Controller, MVC, DAO, MVVM |
| **IDE’s & Tools** | Eclipse, MyEclipse, IntelliJ, TOAD, Postman, SOAP-UI, Maven, Maven 2, ANT, Jenkins, Firebug, Jira, Bitbucket, CICD, |
| **Application Servers** | Websphere Application Server (WAS), JBoss |
| **Version Controls** | SVN, Perforce, Git-Hub |
| **Cloud Technologies** | AWS (EC2, S3, IAM, Lambda), DevOps, Azure, GCP |
| **Web Services** | SOAP, Restful, UDDI, WSDL, JAX-RPC, JAX-RS, JAX-WS, JAX-B, Axis2, Micro Services, AWS (Amazon Web Services) |
| **Databases** | MySQL, PL/SQL, MongoDB, Oracle 11g, DB2 |

**Professional Experience:**

**Client: Medline Industries – North Field, IL June 2023 – till date**

**Role: Tech Lead Backend Java Remote**

**Description:**

Parscan is a CRM tool to maintain Inventory and patient details of the hospital facility. This can be used to order stock and manage stock within facility. Linking the inventory against patient will give better picture on patient billing management.

**Responsibilities:**

* Built a **healthcare** application in Java/J2EE using Spring MVC framework.
* Worked on **JDK 1.7** SOAP, JSP, Servlets, XML, JUnit, JavaScript, RMI, JDBC and Apache STRUTS Framework version 1.1
* Used **Java 8**features in developing the code like **Lambda expressions, creating resource classes**, **stream APIs, functional interfaces**, **method references**, fetching documents from database.
* Implemented **Micro-Services** based Cloud Architecture using **Spring Boot**.
* Developed **RESTful Web Services**with **JAX-RS** using **Spring Boot** and **Micro Services Architecture.**
* Implemented REST **microservices** using **SpringBoot**. Generated Metrics with method level granularity and persistence using Spring AOP and Spring Actuator.
* All the functionality is implemented using **SpringBoot** and Hibernate ORM. Implemented Java EE components using **Spring MVC**, **Spring IOC**, **spring transactions** and Spring security modules.
* **Spring Batch** is used for Batch processing with which notifications are sent in timely manner.
* Designed and implemented application using **Spring Boot, Spring MVC, Spring IOC, Spring Batch, Spring Annotations, Spring AOP, Spring Transactions, Spring JDBC.**
* Implemented **Core Java** concepts like **Exception Handling and Collections**wherever necessary in the application.
* Developing scripts for build, deployment, maintenance and related tasks using **Jenkins, Docker**.
* Deployed application which is containerized using **Docker** onto a **Kubernetes** cluster which is managed by Azure for **Kubernetes (AKS).**
* Designed and developed Micro services using Spring Boot, **Docker**, **REST API** for backend systems that serve to communicate with customer to generate correspondence for customer components running on **Azure** and **Azure AKS Kubernetes** cluster.
* Experience in AWS cloud infrastructure database migrations, **PostgreSQL** and converting existing **ORACLE** and **MSSQL** Server databases to **PostgreSQL**, **MySQL** and **Aurora**.
* Installation and maintenance of **PostgreSQL** databases migration to **AWS** **Aurora**
* Responsible for **Continuous Integration (CI) and Continuous Delivery (CD)** process implementation using **Jenkins** along with **UNIX** Shell scripts to automate routine jobs.
* Used **IntelliJ**as IDE to develop the application and followed the standard features for debugging and running.
* Used **JIRA** tool for Issue/bug tracking, monitoring of work assignment in the system
* **Log4J** was used to monitor the error logs and used **GIT** as version control tool
* Followed **Agile** Methodology (**Scrum**) to meet customer expectation, timelines with quality deliverables.
* Developed test cases and performed unit testing using **JUnit.**
* Used version control systems (like Git) to manage code changes, track history, and collaborate with other team members effectively.

**Environment**: Java 17, J2EE, Junit, Mockito, Micro Services,Spring, Spring boot, Azure, MVC, Web Services, APIGEE, MAVEN, log4j, REST Client, Jenkins, CI/CD, JIRA, Git, SonarQube, IntelliJ, bitbucket, stoplight.

**Client: Honeywell- Charlotte, NC Feb 2023-May 2023**

**Role: Lead Full stack Java Developer**  **Remote**

**Responsibilities:**

* Developed the User Interface using **HTML5**, **CSS3**, **JavaScript**,**JQuery**and enhanced response using**twitter Bootstrap**and**Angular.**
* Built an ecommerce application in Java/J2EE using Spring MVC framework.
* Designed, developed a custom, single-page, responsive web application on front end using **Angular**.
* Participated in migrating existing applications to **Java 11**, addressing any compatibility issues.
* Worked on Web services using **Java SE11** API for XML, JSON Services and worked on the build, deploying RESTful we services.
* Deploy and configure daily iterative builds of **Java SE11** applications into Tomcat server environments for multiple feature deployment teams.
* Implemented **Micro-Services** based Cloud Architecture using **Spring Boot**.
* Developed **RESTful Web Services**with **JAX-RS** using **Spring Boot** and **Micro Services Architecture.**
* Implemented REST **microservices** using **SpringBoot**. Generated Metrics with method level granularity and persistence using Spring AOP and Spring Actuator.
* All the functionality is implemented using **SpringBoot** and Hibernate ORM. Implemented Java EE components using **Spring MVC**, **Spring IOC**, **spring transactions** and Spring security modules.
* Created and Configure **Micro services architecture** for **CDT Directory** project and integrated with **Angular**  application.
* Build Restful API web services using**Node JS**and **Express JS** and used a full complement of **Express, Angular, NodeJS, and Mongo DB** to store and present assessments.
* Developed **RESTful Web Services**with **JAX-RS** using **Spring Boot** and **Micro Services Architecture.**
* **Spring Batch** is used for Batch processing with which notifications are sent in timely manner.
* Designed and implemented application using **Spring Boot, Spring MVC, Spring IOC, Spring Batch, Spring Annotations, Spring AOP, Spring Transactions, Spring JDBC.**
* Implemented various screens for the front end using **React JS** and used various predefined components form **NPM (Node Package Manager)** and **Redux library.**
* Developed user interface by using the **React JS, Flux** for **SPA** development.
* Implemented Batch jobs using **Spring Batch**created various item readers, item writers and item processors.
* Used **Java8**features in developing the code like **Lambda expressions, creating resource classes**, fetching documents from database.
* Developed a **Micro Service** Oriented application with **React JS** in the front end and Spring Boot services.
* Developed and implemented views using **HTML5, CSS3/LESS**, **Bootstrap,** **AJAX**.
* Used **Spring Core annotations**for **Spring Dependency Injection, Spring MVC** for **Rest API’s** and **Spring Boot**for **micro services.**
* Experience in AWS cloud infrastructure database migrations, **PostgreSQL** and converting existing **ORACLE** and **MSSQL** Server databases to **PostgreSQL**, **MySQL** and **Aurora**.
* Installation and maintenance of **PostgreSQL** databases migration to **AWS** **Aurora**
* Development of cloud hosted web applications and **REST APIs** using Spring Boot with embedded **Tomcat**.
* Used design patterns like **Singleton, Data Access Objects, Factory**and**MVC patterns**.
* Implemented the **authentication** and **authorization** of the application using **Spring Security** and **OAuth.**
* Implemented**Core Java** concepts like**Multithreading, Concurrency, Exception Handling and Collections**wherever necessary in the application.
* Creating server less yml files to manage AWS resources.
* Developed and executed software systems utilizing **JavaScript**and **Groovy**.
* **Spring beans** were used for controlling the flow between **UI** and **Hibernate.**
* Developing scripts for build, deployment, maintenance and related tasks using **Jenkins, Docker**.
* Developed **AWS S3**to copy project artifact into **S3**bucket.
* Deployed the application on **Amazon Web services (AWS)** and used it to provide a large computing capacity for scalable solutions.
* Deployed application which is containerized using **Docker** onto a **Kubernetes** cluster which is managed by Amazon Elastic container Service for **Kubernetes (EKS).**
* Designed and developed Micro services using Spring Boot, **Docker** CE, **REST API** for backend systems that srve to communicate with customer to generate correspondence for customer components running on **AWS VPC** and **AWS EKS Kubernetes** cluster.
* Built Terra grunt project to manage **Terraform** configuration file DRY while working with multiple **Terraforms** modules and worked with **Terraform** Templates to automate the Azure IaaS virtual machines using **Terraform** modules and deployed virtual machine scale sets in production environment.
* Written automation scripts for creating resources in OpenStack cloud using python and **Terraform** modules.
* Experience in writing apps from scratch In **kotlin** with Andriod studio.
* Responsible for **Continuous Integration (CI) and Continuous Delivery (CD)** process implementation using **Jenkins** along with **UNIX** Shell scripts to automate routine jobs.
* Created and configured the continuous delivery pipelines for deploying **micro services** and **lambda functions** using **Jenkins** **CI** server. Achieved Dependency injection by creating **spring** services, Spring Dynamic Modules (**OSGI**), **spring** controllers and **DAOs** to wire objects of business classes.
* Used **MongoDB** as data storage and utilized aspects like replica sets, sharing and clever document design to make service extensible scale and feature wise.
* Used **Eclipse**as IDE to develop the application and followed the standard features for debugging and running.
* Used **JIRA** tool for Issue/bug tracking, monitoring of work assignment in the system
* **Log4J** was used to monitor the error logs and used **GIT** as version control tool
* Followed the **Maven** build life cycle to build the application and deployed into **WebSphere** application server.
* Followed **Agile** Methodology (**Scrum**) to meet customer expectation, timelines with quality deliverables.
* Developed test cases and performed unit testing using **JUnit.**
* Ensured that the **ping** functionality doesn't expose any security vulnerabilities or allow for misuse, such as using it for denial-of-service attacks.
* Used version control systems (like Git) to manage code changes, track history, and collaborate with other team members effectively.
* Responsible for developing prototypes of selected solutions and implementing complex **big data** projects with focus on collecting, parsing, managing, analyzing and visualizing large set of data using multiple platforms.
* Understand how to apply new technologies to solve big data problems and to develop innovative **big data** solutions.
* Worked **OpenShift** master, nodes with upgrades, decommission them from active participation by evacuating the nodes and upgrading them.
* Integrated **SAML** authentication and authorization protocols into applications, websites, or services, allowing users to authenticate using their identity providers.
* Configured and set up the identity provider, which is responsible for authenticating users and generating **SAML** assertions. This involves creating and managing identity provider metadata and configuration files.
* Managing Microsoft Identity Management products (**Active Directory, Active Directory Federation Services and Azure, AD Connect)** serving as an enterprise-wide directory containing 400k objects.
* Exposure to **SMP/E** for migrating from **DB2** V7 to V8 and installation
* Support and administer **DB2** queue replication between **DB2** and **Z/OS** and distributed environments.
* Worked in using **React JS Components, Forms, Events, Keys, Router, Animations and Flux Concept.**

**Environment**: Java 11, J2EE, HTML5, CSS3, JavaScript, jQuery, Angular 12,AWS, Micro Services, Mongo DB,Spring, Spring boot, Hibernate, Kotlin, DB2, MVC, Web Services, APIGEE, MAVEN, WebSphere, JUnit, JMS, log4j, Mongo DB, REST Client, CAMUNDA BPMN 2.0, Jenkins, UNIX, JIRA, Git.

**Client: Verizon- Boston, MA Aug 2020-Jan 2023**

**Role: Lead Full stack Web Developer**

**Responsibilities:**

* Gathered client requirements and designed features and functionality for different modules.
* Prepared Business Use-Case Analysis based on different Data models.
* Extensive experience in System Analysis, Design and development, Production support, Maintenance.
* Have good experience in Level 2 Production support of financial suite applications.
* Extensively worked as a Level 2, Level 3 Production Support Engineer,
* Designed and Developed wireframes for UIs and WebPages using **JavaScript, HTML, CSS**.
* Develop design documents, user guides, maintenance documents, project documentation, and release documents.
* Developed a **Micro Service** Oriented application with **React JS** in the front end and Spring Boot services.
* Developed and implemented views using **HTML5, CSS3/LESS**, **Bootstrap,** **AJAX**.
* Worked on responsive design and developed a single **ISOMORPHIC responsive website** that could be served to desktop, Tablets and mobile users using **React.js**.
* Worked with **React JS** to build Bootstrap components for responsive UI Objects and linked with API data to view render the virtual DOM dynamically.
* Implemented various screens for the front end using **React.js** and used various predefined components from **NPM (Node Package Manager)** and **redux library**.
* Used React**Router**to create a **Single Page Application**(SPA) which can bind data to specific views and synchronize data with server.
* Working with development team for testing enhancement, fixes in test environment and releasing them in Production Environment after satisfying results and signoff from business and all relevant support teams.
* Designing and maintaining production-quality splunk dashboards.
* Improved search performance by configuring to search heads for all indexes in production environment.
* Implemented **flux pattern** by using **redux framework** as a core dependency.
* Used **Redux Framework architecture** (like **Reducers, Containers, Saga**) for integrating the data with React-Native Application and created and used **Reducers** to modify **Store** State Tree.
* Pleasant Experience in **React.js** for creating interactive UI's **using One-way data flow, Virtual DOM, JSX, React Native concepts.**
* Performed Unit testing on applications using tools **Mocha** and **Chai** to test **React JS** components.
* Used the fundamentals of **Java** like parallel streams and filters through **lambda expressions** to handle the searching.
* Responsible for developing prototypes of selected solutions and implementing complex **big data** projects with focus on collecting, parsing, managing, analyzing and visualizing large set of data using multiple platforms.
* Understand how to apply new technologies to solve big data problems and to develop innovative **big data** solutions.
* Developed **Restful** web services using **JAX-RS** in **JERSY** to expose the data to Spring module.
* Used complete **annotation driven**approach to develop the application using **Spring Boot**and was also involved in setting up the **Spring bean profiling.**
* Designed and implemented **CAMUNDA** workflows to automate EDA communication process for resource maintenance in cloud environment.
* Managing Microsoft Identity Management products (**Active Directory, Active Directory Federation Services and Azure, AD Connect)** serving as an enterprise-wide directory containing 400k objects.
* Used **CAMUNDA** modeller for workflow creation.
* Used **CAMUNDA REST APIs** cockpit and Java APIs to communicate with **CAMUNDA** Engine.
* Developed and deployed **Micro Services** based applications using **Spring Boot and Spring Cloud.**
* Expertise in using **Spring Security Module** by utilizing its **Site Minder, OAuth 2.0 Configuration, OpenID Connect for Enterprise Application Authentication and Authorizations.**
* Used **Spring IOC** for specifying the dependencies of the objects using dependency injection.
* Implemented **ORM frameworks** such as **Spring Data.**
* Used **WADL** (Web Application Description Language) for modelling the resources. implemented transaction management in the application by applying **Spring AOP** Framework.
* Used **Hibernate** as the **Object-Relational Mapping (ORM)**tool to access the persistent data.
* Worked with **spring batch**to convert xml files to data base records.
* Developed Mean Stack from scratch including **Mongo DB server (Mongoose Connector)** setup and **Express JS server development**.
* Developed integration modules for disparate clients using **Apache Camel.**
* Integrated configured **Camel** with **ActiveMQ** to use it is as bus.
* Developed **Apache Camel** middleware routes, **JMS** endpoints, Spring service endpoints and used **Camel** free marker to customize **REST** responses.
* Updating the statistics of data into **DB2** tables.
* Ensured that the **ping** functionality doesn't expose any security vulnerabilities or allow for misuse, such as using it for denial-of-service attacks.
* Managing the **OpenShift** cluster that includes scaling up and down the AWS app nodes.
* Worked **OpenShift** master, nodes with upgrades, decommission them from active participation by evacuating the nodes and upgrading them.
* Built Terra grunt project to manage **Terraform** configuration file DRY while working with multiple **Terraforms** modules and worked with **Terraform** Templates to automate the Azure IaaS virtual machines using **Terraform** modules and deployed virtual machine scale sets in production environment.
* Written automation scripts for creating resources in OpenStack cloud using python and **Terraform** modules.
* Used version control systems (like Git) to manage code changes, track history, and collaborate with other team members effectively.
* Designed and developed Micro services using Spring Boot, **Docker** CE, **REST API** for backend systems that srve to communicate with customer to generate correspondence for customer components running on **AWS VPC** and **AWS EKS Kubernetes** cluster.
* Used a highly durable messaging system called **Apache Kafka** for asynchronous exchange of vital information between multiple business applications.
* Create and maintain the **GraphQL** schema defining the types, queries, and mutations that clients can execute.
* Develop and maintain high-quality **TypeScript** code for web applications, server-side applications, or other software projects.
* Work with front-end libraries such as React that often involve **TypeScript**.
* Deployed **Azure IaaS virtual machines (**VMs) and **cloud services (**PaaS role instances) into secure VNets and subnets.
* Implemented **Kotlin with Andriod** content providers for implementing features like sending E-Mails, SMS etc. form the App and designed suitable GUI for these applications.
* Scalable data design for **MongoDB** and **Redis** caching in **MongoDB** with **Redis cache** using **Spring Boot.**
* Exposed virtual machines and cloud services in the VNets to the internet using **Azure External Load Balancer.**
* Implemented high availability with **Azure classis** and **Azure Resource Manager** deployment models.
* Published message services using **Spring AMQP’s Rabbit Template** and subscribes to the messages on a POJO using Message Listener Adapter.
* Worked with **Jenkins** Continuous Integration and Continuous Deployment (CI/CD).
* Creating, managing, and performing container-based deployments using **Docker images** containing Middleware and applications together.
* Built AWS S3 buckets and managed policies for **S3** buckets and used **S3** bucket and Glacier for storage and backup on **AWS**
* Deployed the application on **Amazon Web services (AWS)** and used it to provide a large computing capacity for scalable solutions.
* Configured **AWS Multi Factor Authentication** in **IAM** to implement 2 step authentication of user’s access using Google Authenticator and **AWS** Virtual MFA.
* Design **AWS Cloud Formation** templates to create custom sized **VPC, Subnets,** NAT to ensure successful deployment of web applications and data base templates.
* Utilized **Amazon AWS Route53** to manage **DNS** zones and also assign public DNS names to elastic load balancers IP’s
* Designed and developed **Kafka** streaming applications using the **Kafka** Streams API or other compatible libraries.
* Defined the use cases and business objectives that **Kafka** messaging needs to support.
* Designed and developed Spark Streaming applications using **Spark's** APIs, such as the Streaming API (DStream) or Structured Streaming.
* Managed the deployment and scaling of **Spark** streaming applications, potentially using containerization technologies like Docker and orchestration tools like Kubernetes.
* **Kubernetes** is being used to orchestrate the deployment, scaling and management of **Docker** containers.
* Used **Jenkins pipelines** to drive all micro services builds out to **Docker registry** and then deployed to **Kubernetes,** created pods and using **Kubernetes.**
* Implemented various screens for the front end using **React JS** and used various predefined components form **NPM (Node Package Manager)** and **Redux library.**
* Developed user interface by using the **React JS, Flux** for **SPA** development.
* Worked in using **React JS Components, Forms, Events, Keys, Router, Animations and Flux Concept.**

**Environment:** Java, JavaScript, React JS-Redux, HTML5, CSS3-LESS, AJAX, Bootstrap, jQuery, Spring Security, Rabbit MQ, Spring Data, Quartz Scheduler, Redis Cache, Kotlin, Hibernate, Microservices, Apache Camel 2.4, Azure, Restful services, Eclipse, Java EE IDE, Jenkins, MySQL, Spring AOP, Spring Transaction Management, Spring Batch, Swagger, Docker, IBM MQ, Kafka.

**Client: Cybage Software- India Feb 2016-Jul 2020**

**Role: Java Full Stack Developer**

**Responsibilities:**

* Developed dynamic web pages using **HTML5, CSS3, jQuery, Bootstrap, CSS3 (SASS)**and**AJAX.**
* Worked with **Angular Controllers**, **Directives**, **Services** and **filters** for application functionality.
* Used many **Angular directives** which allow developing many custom and reusable **HTML** for data binding and behaviour of components.
* Used **Angular** to create views to hook up models to the **DOM and synchronize data**with server as a **Single Page Applications**.
* Used **Backbone JS** to utilize its rendering functions and create controllers to handle events triggered by clients and send request to server.
* Utilized Core Java concepts like **Collections, Multithreading**and**Exception handling** to develop business components.
* Used **Multithreading** in programming to improve overall performance using Singleton design pattern in Hibernate Utility class.
* Migrating confidential customers from **monoliths** to **cloud** and **microservices** with different cloud provider architectures: **AWS, Pivotal cloud foundry (PaaS and PKS), Openshift** and Confidential ICP. Using managed & non-managed services.
* Breaking up a **Monolith** that does not scale well, has a long cycle to implement – into **Microservices.** Single concern / single responsibility suite of **Microservices** that is a vertical slice of business capability using Domain-Driven design to get the Bounded Context right.
* Developed application on **spring framework** by utilizing its features like **Spring Boot, Spring Dependency injection, Spring Beans, Spring Security, Spring JPA, Spring Web flow using MVC.**
* Used **Spring Core** for configuring and using the **spring beans** in the application.
* Developed **RESTful services** based on **Spring REST** using **Jersey framework**.
* Developed several **RESTful API web services** which produces both **XML** and **JSON** to perform tasks, leveraged by both web and mobile applications.
* Documented the **REST API’s** using **Swagger2** API for briefing the services involved in the application.
* Involved in architecture, build and maintenance of highly available secure multi-zone **AWS** cloud infrastructure.
* Migrating an **IBM** **Sterling** File Gateway based on-premises legacy application to **AWS** using **AWS** CloudFormation.
* Automated the notification system for over 1 million file transfers **to** **S3** using **AWS** **Lambda** functions.
* Create and maintain fully automated **CI/CD** pipelines for code deployment using **Jenkins** and **GitLab**.
* Used **Spring framework** with **Hibernate** to map to **Oracle database** and mapped using Hibernate Annotations.
* Implemented **ODBC** which is used for connecting to the **database Oracle**.
* Provided support for all core web services technologies including **Web Service Description language (WSDL).**
* Designed and developed **JDBC** driver that interacts with the database by intercepting **SQL.**
* Worked with **JDBC** programs using **MySQL** databases and develop **SQL** and **PL/SQL** for **Oracle** to process the data.
* Worked on **Google Cloud Platform (GCP)** services like compute engine, cloud load balancing, cloud storage, cloud SQL, stack driver monitoring and cloud deployment manager.
* Integrated testing methods implemented by using **Karma** and **Jasmine**.
* Good Experience with **Continuous Integration**and **Continuous Delivery**by using tools like **Jenkins.**
* Have worked on **AWS** to integrate the server side and client-side code.
* Used **AWS deployment services** to quickly set up a **dynamic website** and configured **virtual servers**.

**Environment:**SOA, HTML, CSS- SaaS, AJAX, Angular 10, SOAP, JAX-RS, jersey, Swagger, Hibernate, Spring, Spring Batch, WSDL, Spring AOP, Oracle DB, Karma, Jasmine, Jenkins, GCP,

**Client: Sonata Software- India Sep 2012-Feb 2016**

**Role: Software Programmer**

**Responsibilities:**

* Developed a web-based integrated project management tool ‘XPD Office’ in Java using agile methodology.
* Created web services and desktop applications to access and display data needed by support teams using **Ajax, JavaScript, AngularJS, Node.JS, CSS and HTML**.
* Implemented **AngularJS** Factories and Controllers to manipulate and view employee task data and used Custom **AngularJS** Filters to provide better search experience.
* Implemented **AngularJS**directives to reduce the usage of redundant code, to create pie-charts, bar-graphs and for validation purposes.
* Utilized **AngularJS**framework to bind HTML template (views) to JavaScript object (models) and created custom Angular directives using. Moduleand. directive.
* Implemented**Angular ui-router**to simulate a multiple layout web application reducing repetitive code and promoting quality.
* Expertise in implementing the MVC architecture in backend applications using **Node.js** along with **ExpressJS**.
* Worked on **Restful**web services using   **Node.js** with **ExpressJS** and implemented mock services in   **Node.js** with help of modules using   **Node.js** server.
* Used **Node package manager(npm**) for managing the **Node.js**modules like **Watchify, Browserify, Http-Fetch** etc. and **package. Son** for managing the application required module dependencies.
* Implemented **CORS** (Cross Origin Resource Sharing) using **Node JS** and developed **REST** services using **Node** and **Express, Mongoose** modules.
* Developed Business Rule Engine using Java, Multithreading, Message Queuing and consuming **Restful** web service.
* Responsible for using **JMS** Queues and JMS Topics for one-to-one and one-to-many communication in the application.
* Extensively worked on **MQ** Series using point-point, publisher/subscriber-messaging domains to exchange information through Messages for implementing Service Oriented Architecture (**SOA**).
* Backend application layer is implemented using **Spring Boot**andimplemented **Maven** Script to create JAR, WAR, EAR& dependency JARS and deployed the entire project onto the **WebSphere** Application Server environment.
* Implemented **Spring** Model View Controller (**MVC**) Architecture and coded Java Beans (as the model), Java Swing.
* Worked on **Spring** application framework features IOC container and AOP and integrated Spring with **Mongodb**and established data mappings.
* Created **Hibernate OGM mappings**and defined persistence classes to persist the data into **Mongodb**Database.
* Involved in developing frameworks and automating complex workflows using **Python** for Test Automation. Built tools for automating repetitive work through **Shell scripts** and **Python**.
* Performed and automated Server Deployment, upgrades and version release management in **Linux.** Automated the regular reports requested by users using **Linux** and **Shell scripts**.
* Worked on advanced**Hibernate associations** with multiple levels of **Caching** and **lazy loading**.
* Developed stored procedures to apply business logic to the database. **ANT** Script is used for the application building and **Log4J** for debugging.
* Used **SVN** for version control and used **Eclipse** as the IDE for developing the application, Used **Rational** **Clear** **Quest** for defect fixing.

**Environment:** Java, J2EE, PL/SQL, AngularJS, Node.js, Bootstrap, CSS, HTML5, Spring, JMS, Apache CXF, MQ Series, Log4J, MAVEN, SVN, Eclipse IDE, WebSphere Application server, Rational Clear Quest, Mongo dB, Apache Camel.

**Client: Infinite Solutions -India Jul 2011- Aug 2012**

**Role: Software Engineer**

**Responsibilities:**

* Followed Agile methodologies to execute project. Build the application using **TDD** (Test Driven Development) approach.
* Created web application prototype using **JQuery** and **Angular JS**.
* Developed user interfaces using **JSP, AJAX, JavaScript, HTML5, and CSS.**
* Developed business logic using **Java /J2EE, Spring MVC, Hibernate** and various OOPS concepts.
* Worked in an Enterprise Application where we had to implement   Micro Services in order to separate the tasks and not to have dependency on other Parallel on-going tasks of same Application.
* Implemented business logics using **Servlets** and actively participated in deploying the application in **Apache** **Tomcat**.
* Developed **DAO** layer communicated with the **Oracle** database with help of Hibernate framework.
* Developed **Oracle SQL Queries** **and Stored Procedures**.
* Developed test cases and performed unit testing using **JUNIT** Test cases.
* Performed code build and deployment using **MAVEN**.
* Provided the design, installation and coding support for the integration of **NoSQL** solution to the enterprise and the migration of business data from Oracle to **Apache** **Cassandra**.
* Involved in the defect fixes. Configured and created application log files using **Log4j** required to trace application.

**Environment:**Java, J2EE, Spring Boot, Hibernate, Spring MVC, Rest, JQuery, Ajax, JavaScript, JSP, Angular, Servlet, DB2, Eclipse, Log4j, JUnit, Maven, AWS, Bootstrap.

**Client: Hetero Med Solutions -India Apr 2009 – Jul 2011**

**Role: QA Engineer**

**Responsibilities:**

* Analyzed business requirements & participated in requirement sessions to understand & identify missing, ambiguous, inconsistent requirements.
* Evaluated Business Requirements for testing needs and looped with business to improve them.
* Followed **Test Driven Development (TDD**) as much as possible and written test cases.
* Developed/Updated **System Test Plan, Test scenarios** as per the requirements and Change Request Document.
* Identification and preparation of Test Data for the HMS and POS applications and maintenance of test data in central repository
* Developed test strategy for the minimal required tests that provides value in determining the quality state of the application.
* Identified test cases to automate.
* Prepared automation scripts in **VB Script** to run on **Test Complete** tool and implemented hybrid framework
* **Smoke & Functional test case execution** for new enhancements in HMS and POS application
* Ran regression suites on **Test Complete** and **Test Execute** to ensure the basic features of applications.
* Performed Back end testing using **SQL queries** to make sure that data entered has been uploaded correctly into the MySQL database tables.
* Preparing status reports at the end of each regression execution with overall pass percentages and reported any risks found.
* Prepared test code in **Java** language using **Selenium WebDriver** on **Eclipse IDE** for the mission critical operational test cases.

**Environment:** Java, VB Script, MS Excel Utility, MySQL, PL/SQL, Test Complete, Test Execute, Selenium, WebDriver, Eclipse IDE, Windows.

**Client: Benchmark Computer Solutions, India May 2007 - Mar 2009**

**Role: QA Analyst**

**Responsibilities:**

* Reviewing the BRD, HLD and LLD. Prepared Test Deliverables- Test Scenarios, Test Cases, Test Execution.
* Wrote automation test scripts in SOAP UI for web service testing.
* Executed and maintained manual test cases. Performed Functional, System, and Regression Testing.
* Wrote SQL queries for backend testing.
* Performed Defect tracking in Quality Center. Designed scripts in Test Plan, and performed execution in Test Lab. Generated daily execution reports from Report Module in QC.

**Environment**: JAVA, JUnit, UNIX, Oracle 10g, SOAP UI, SQL, JavaScript, SQL, HTML, Web Services, XML, JavaScript, Web Sphere

**Client: Axon Technology-India Apr 2005 – April 2007**

**Role: Jr QA Consultant**

**Responsibilities:**

* Created the System Test Plans and Test Cases.
* Created the acceptance test plan and Performance test plan
* Installation, Configuration & administration of WebLogic Application server.
* Deploying of code and updating builds on the WebLogic App server.
* Setup and Maintenance of QA environment.
* Extensively performed manual testing to ensure the quality of the software.
* Performed Functional and Performance testing
* Responsible for weekly run of regression suites.
* Involved in Load testing with Mercury Load Runner.

**Environment:** JSP, EJB, Oracle 8i, Web Sphere Application server, Mercury Load Runner, BugIT, Windows XP/2000 Server.

**Education**

* Master of Technology (**M.Tech** – Computer Science & Engineering)

JNTU Kakinada, India Dec - 2015

* Bachelor of Technology (**B.Tech** – Computer Science & Engineering)

JNTU Hyderabad, India June - 2003

**Certifications:**

* AWS Certified Cloud Practitioner (CLF-C02) - SH9L4PSJSF1EQVC2
* Microsoft Azure Administrator (AZ-104) - MS0993645928