**CAREER OBJECTIVE:**

As a Full Stack Java Developer, my goal is to utilize my strong motivation and dedication to excel in delivering complex development projects within tight deadlines. With a strategic mindset and a knack for creative problem-solving, I am driven to produce efficient and dependable code. My passion lies in developing innovative software solutions that push the boundaries of the industry. I am committed to upholding the highest standards of quality assurance throughout the entire development process. Whether working collaboratively with cross-functional teams or independently in fast-paced environments, I strive to contribute effectively towards achieving shared objectives and driving success in every project.

**SKILL OVERVIEW:**

**Front-end:**

As a seasoned Frontend Developer, I have a proven track record of creating visually stunning and user-friendly interfaces using cutting-edge technologies such as **Angular 14/8/6/4, Node.js, React JS, Bootstrap, JavaScript, Ajax, jQuery, CSS4, and HTML5**. My expertise lies in leveraging both built-in and customized **Angular JS** directives and filters to elevate the functionality of web pages. I am well-versed in managing **HTTP** requests through the use of **rxjs Observable** library and adept at handling exceptions based on responses. My passion for delivering highly interactive and responsive web applications drives me to constantly stay updated with the latest frontend tech and design trends.

**Back-end:**

Experienced Java Developer with a strong background in building and maintaining robust and scalable systems using the latest Java technologies, including **Java 8** and **Java 11**. Proficient in the Spring Framework, including **IOC/AOP**, **Spring Boot, Spring MVC, Spring Transaction support**, and **Hibernate** integration. Demonstrated expertise in various Spring modules such as **Spring MVC, IOC, AOP, JDBC, JTA, IO, Spring Dashboard, Spring Microservices, Spring REST, Spring Eureka**, and **Spring Netflix**. Additionally, skilled in **EJB, XML, Spring (3/4/Boot), RMI, JMS, JDBC, Servlets, JSP, Hibernate, Web Services,** and **JNDI** with integration proficiency in **IBM WebSphere** and other popular application servers. Committed to delivering efficient and cutting-edge Java-based solutions while staying updated with the latest industry trends, including cloud computing, Microservices architecture, and DevOps practices. Continuously seeking out new technologies and tools to enhance development processes and improve overall system performance.

**Databases:**

Experienced in all aspects of databse development, including modeling, design and implementation. Specializing in **PL/SQL** **Stored procedures** and **packages**, I have a deep understanding of **relational databases** such as **Oracle 10g/11g, SQL Server, DB2, Postgres SQL** and **MySQL**. My expertise also extends to **NoSQL** databases like **MongoDB, Cassandra, Redis** and **HBase**, allowing me to contribute to a wide range of data management solutions. I am highly skilled in optimizing database performance and maintaining data integrity, constantly staying updated on the latest advancements in database technologies.

**Cloud Technologies:**

Proficient in harnessing the capabilities of key Amazon Web Services (AWS), specifically **EC2, S3, RDS, Lambda, SNS, SQS, IAM**, and **CloudFormation**, to provide efficient virtual server instances, scalable storage, managed databases, serverless computing, notifications, message queuing, access management, and infrastructure management. Using AWS allows businesses to take advantage of enhanced scalability, reliability, and cost-effectiveness in the realm of cloud computing. My highly experienced approach in designing and implementing AWS solutions has resulted in successful cloud architectures that are aligned with company objectives, driving favorable outcomes.

**Devops:**

Experienced in effectively implementing CI/CD strategies using various tools such as **Maven, Docker, Jenkins, Subversion (SVN), CVS, Git,** and **Azure DevOps**. Demonstrated proficiency in designing, creating, and overseeing robust **Kafka-based** event-driven systems in a variety of business environments. Knowledge and skill in utilizing **Kubernetes**, a advanced container orchestration platform, to efficiently manage containerized applications at a large scale. Prioritizing automation, **Kubenernetes** simplifes the process of deploying, expanding and maintaining containers across multiple clusters, guaranteeing maximum resource usage and availability.

**Version Control:**

As a highly proficient individual in the use of **Git**, the industry's go-to distributed version control system, my skills are well-equipped for **executing commands, managing branches, merging**, and **resolving** **conflicts** with ease. My experience working with **remote repositories** has allowed me to effectively **collaborate** with **distributed teams**, **ensuring seamless coordination**. I am also well-versed in popular Git platforms including GitHub and GitLab, where I have efficiently handled repositories, collaborated on projects and used pull requests for optimized code reviews and team collaboration. My extensive Git knowledge supports efficient version control and **strengthens smooth and agile development workflows**.

**Testing:**

In my pursuit of automation testing, I have adeptly utilized Selenium to automate user interface processes. Additionally, I have incorporated JUnit and **TestNG** to perform efficient back-end testing, complemented by Easymock as a tool for data stubbing and proxying. With a strong understanding of unit testing, I have effectively employed the use of **Mockito** alongside **JUnit** in order to ensure robust results. My proficiency in testing expands to various categories such as functional testing, stress testing, integration testing, load testing and performance testing. These diverse capabilities enable me to produce top-notch, thoroughly tested software solutions that surpass client expectations in quality.

**PROFESSIONAL SUMMARY:**

* Accomplished Java/J2EE Developer with 9+ years of experience in the full SDLC, OOP, and testing of web and enterprise applications. Highly skilled in Agile methodologies, including Test Driven Development and Pair Programming. Proven track record in UI design using modern technologies such as **HTML5, CSS4, TypeScript, JavaScript, and Angular14** with a successful history of migrating legacy Java applications to **Java 11**.
* Expertise in designing and developing **Microservices** with **Rest framework** and **Spring Boot,** as well as integrating **Angular** for a **seamless user experience**.
* Proficient in utilizing **Amazon Web Services**, including **EC2, RDS, Elastic Load Balancing**, and more. Hands-on experience with **Kubernetes** for **orchestrating** deployment, **scaling**, and management of **Docker Containers**. Experienced in creating highly **efficient Docker images** and **containers** for use with **Spring Boot applications**.
* Skilled in building **data pipelines** with technologies like **Kafka** and **Spark**, **handling messaging services** with **Apache Kafka, JMS** and **RabbitMQ** and working with various **Web Services** such as **Apache SOAP, REST** and **WSDL**. Well-versed in implementing successful **CI/CD strategies** using tools like **GIT, Nexus, Jenkins, Maven** and **Docker**.
* Experienced in **data migration** from **Oracle database** to **Apache Cassandra NoSQL Database** using **Spring JDBC**. Strong **troubleshooting** **and analytical skills** with a keen eye for identifying and resolving complex issues.
* Excellent communication and interpersonal skills with the ability to work collaboratively as part of a team or independently. Proven leadership skills in leading and mentoring junior developers, providing code reviews, and conducting training sessions.
* Passionate about learning new technologies and continuously improving skills to deliver high-quality, scalable, and efficient solutions. Recognized for consistently meeting project deadlines and delivering exceptional results that exceed client expectations. Looking for an opportunity to utilize my skills and experience to contribute to the success of a dynamic organization.

**TECHNICAL SKILLS:**

|  |  |
| --- | --- |
| **Programming Languages** | **Java 11.0/8.0/7.0, PL/SQL** |
| **Java/J2EE Technologies** | **Servlets, Spring, EJB, JPA, JDBC, JSP, JSTL, JNDI.** |
| **Frameworks** | **Spring Boot, Spring Data JPA, Hibernate, Spring Security 3.2** |
| **Application/Web servers** | **Apache Tomcat 8, IBM Web Sphere 8.x/9.x, Web Logic 12c** |
| **Relational Databases** | **Oracle 10g/11g, SQL server 2012/2014/2016, MySQL 5.7, DB2 11.1, Postgres** |
| **NoSQL Databases** | **Mongo DB, Cassandra** |
| **Internet Technologies** | **HTML 5, JavaScript, CSS 3/4, jQuery, Ajax, Angular 14/10/6/4/js, Typescript, JSON** |
| **Cloud Environments** | **AWS, Kubernetes.** |
| **IDE** | **Eclipse, IntelliJ, Spring Tool Suite (STS) 3.8.3,Postman, TOAD** |
| **Testing &Bug tracking Tools** | **JUNIT4/5, Jasmine, Protractor, JIRA 7.0, Bugzilla 4.4.12, Curl 7.36,Blaze meter** |
| **Methodologies** | **Agile, waterfall, Scrum** |
| **Build Tools** | **Ant 1.10, Maven 3.3.9, Gradle 6.4.1** |
| **Web Services** | **SOAP, REST, JAX-WS, JAX-RPC, JAX-RS, SOAP UI.** |

**PROFESSIONAL EXPERIENCE:**

**Client: Vanguard – Malvern, PA March 2019 – Present**

**Role: Sr.Java/J2EE Full Stack Developer**

**Project: Loan Processing System**

**Description:** The Loan Processing System developed by Vanguard Company is a highly intuitive and efficient application. It comprises multiple modules, such as Sales, which allows for effortless registration of customers. The System Collateral module keeps a comprehensive record of all collaterals submitted by the customers for loan approval, while the decision-making module assists in efficient processing of loans. Additionally, the activity module helps in monitoring and managing the entire loan process, and the insurance and document module maintains records of all relevant documents. Finally, the portfolio management and early warning and remedial modules help in prompt identification and resolution of potential issues.

**Responsibilities:**

* Involved in **SDLC** Requirement gathering, Analysis, Design, Development, Testing and Deployment of App by using **Agile/TDD methodology,** participated in **daily Scrum meetings, code reviews, sprint planning** andretrospective.
* Developed Dynamic Websites for Smart Devices using Responsive Designs, Event Driven and Multi-browser compatible pages using **HTML5, CSS4, JavaScript, AJAX.**
* Developed and maintained **Angular 14** applications using **Angular CLI, Angular components, directives, routing**, **services,** and **testing frameworks**.Proficient in **Angular 14**, leveraging its enhanced performance, improved developer experience, **Angular API**, **differential loading, native lazy loading, Template type checking, strict mode** and **tree-shaking** features to deliver high-quality, efficient web applications.
* Implemented asynchronous **HTTP** requests with **Java 11's** built-in **HTTP** client for better web app performance.
* Experience in utilizing **Java 11's** new features, such as the **HTTP Client API** and Local-Variable Syntax for **Lambda Parameters**, to enhance the performance and efficiency of Java applications.
* Utilized **Java 11's** **Nest-based access control** feature to promote strong **encapsulation principles**. This enables classes within the same **nest** to access each other's **private members**.
* Leveraged **Spring Batch** and **Spring Job** to design and implement batch processing workflows, efficiently handling large volumes of data, and automating time-consuming tasks.
* Implemented **J2EE** components using **Spring MVC, Spring IOC, Spring transactions** and **Spring security modules**.
* Implemented the application using **Spring Boot** **Framework** and handled the security using **Spring Security**.
* Implemented **Single Sign-On (SSO)** solutions using **Spring Security** and **OAuth 2**, providing a seamless authentication experience across multiple applications.
* Implemented **Microservices** **architecture** with **Netflix, Spring Eureka, Spring Ribbon** using **Spring Boot** to provide client-side load balancing in calls to other **Microservices**, making applications into smaller chunks and the **Spring Hystrix** **circuit breaker** and for the fail-safe.
* Used **Spring Boot Actuator** for monitoring and managing applications that are running in Production.
* Implemented fail-safe and **circuit breaker** patterns in **Spring Boot Microservice** applications using **Hystrix** and configured **Swagger-UI** to register **Microservices** with **Eureka server**.
* knowledge of setting up and configuring **Amazon IAM** to give users granular access to **AWS** resources, as well as working with **EMR** Clusters on **AWS**.
* Worked with **AWS** services such as **EC2, S3, RDS, Lambda**, and more including the latest services like **AWS Fargate, AWS Outposts** and others.
* Designed and developed event-driven microservices using Spring Boot and **Kafka** to support multiple banking applications such as **payments, customer onboarding, and transaction processing.**
* Assisted Development teams to migrate applications to **Docker** based **PaaS** platform using **Kubernetes**.
* Experience in **Docker** Engine and **Docker** **Machine environment**, to deploy the **Microservices** oriented environments for scalable applications.
* Proficient in integrating **Maven** with other **CI/CD** tools, such as **Jenkins**, **GitHub** Actions, and **CircleCI**, to enable a seamless and automated build and deployment process.
* Skilled in organizing API assets into **Swagger definitions, including paths, operations, parameters, schemas**, and **responses** with **Swagger-compliant** tools like **WSO2 API Manager, Kong**, and **Apigee** for API management.
* Used **Jenkins CI/CD pipelines** to build all our applications to **Docker** registry and then deployed to **Kubernetes**.
* Experience in testing Spring Boot applications using tools like **JUnit, Mockito,** and **Cucumber**, with a focus on **TDD** **(Test-Driven Development)** and **BDD (Behavior-Driven Development)** principles.
* Executed **JMeter** and **Blaze meter** scenarios based on complex business scenarios with different monitors for **Stress testing, Scalability testing, Failover testing, and Load testing.**
* Extensive experience in managing **software versions, resolving conflicts**, and **performing** **releases** using **Maven**.
* Proficient in creating **automated builds** and managing source code with **Git** version control system.
* Strong knowledge of **MongoDB** **indexes**, **query** **optimization**, **server-side** **scripting**, and **database** scaling to maximize the database's performance.
* Designed and implemented a **MongoDB NoSQL-based database** and associated **RESTful** web service that persists high-volume user profile data.

**Achievements:**

* Implemented a highly scalable and secure policy management system using **Java, Spring Boot,** and **Angular 14**, reducing policy processing time by 30% and enhancing customer satisfaction.
* Led cross-functional team in developing a customer portal with personalized dashboards **(Java, Angular, RESTful APIs),** driving a 25% increase in customer engagement and self-service adoption.
* Introduced automated testing practices using **JUnit, Selenium, and Cucumber**, resulting in a 40% reduction in software defects and an increase in overall software quality.

**Environment: Java 11, J2EE, HTML5, CSS4, JavaScript ,Angular14, AWS, MongoDB, Web Services, Spring Boot 3.1.1, Spring data JPA, Junit, Maven, Kafka, Swagger, Spring Tool Suite (STS)**  **Spring Batch, Spring Eureka, Spring Ribbon, Kubernetes, Jenkins, Docker, Cucumber.**

**Client: Capital One – Plano, TX Jan 2017 – Feb 2019**

**Role: Sr. Java/J2EE Full Stack Developer**

**Description:** The Capital One credit bureau uses a comprehensive workflow to assess the mood ring score of each customer. This score is determined by a variety of data points gathered from different sources within the enterprise, including surveys, call intensity, and web activity. The goal of this workflow is to continuously improve the experience for agents and customers alike by utilizing cutting-edge technology. This includes the development of agent-facing telephony apps and the upgrade of services used by internal rest APIs with the use of efficient orchestration. The team responsible for this process integrates several technologies, such as Spring Framework, Angular 10, Spring JPA and REST api, to build a high-performance and user-friendly application.

**Responsibilities:**

* Actively involved in analysis, design, development, system testing, and user acceptance testing. Successfully followed **Agile methodology** in the **Scrum cycle model.**
* Extensively worked **with Angular 10, Typescript, HTML5, CSS3,** and **Ajax**, along with the **Material framework**, to develop a **dynamic** and **user-friendly single page application**.
* Utilized **Angular 10's** features like **differential loading** and **default browser configuration** for a **high-performing** and **user-friendly** website.Improved **user experience** by implementing **stricter settings** and adding a **date range picker**, while also enhancing **SEO** support to increase visibility on search engines.
* Maintaining **interface** compatibility and **concurrency** in the project through the use of new **Java 8** features such as **default, static methods, and the Concurrency API**.
* Used **Java 8** **Method References** feature to point to methods by their names and used **functional Interfaces**.
* Used advanced **Java 8** features like **Lambda expressions** for array operations, **Streams, Method reference, collections. Enhanced concurrency methods** etc. throughout the application for well-defined programming.
* Involved in implementation of enterprise integration with web services using **REST API**. Worked on both Service and Client-side Application act as Consumer application uses **Spring Boot Kafka** to Consume Upstream data.
* Experience integrating the internal security model into new projects with **Spring Batch**, **Spring** **Microservices** and **Spring Boot** and **Netflix Eureka.**
* Extensive experience with **Spring Reactor framework** including **creating** and managing **reactive** **streams** using **Flux** and **Mono** data types.
* Design and develop **Microservice** business components using **Java, Spring Boot, Spring Security, Spring Batch, Spring Data JPA** and implement **REST web services** based on **RESTful APIs**.
* Experienced in using the **Spring Data JPA** framework to interact with the database and do **CRUD** operations.
* Proficient in creating **Microservices** using **Spring Boot, Dropwizard**, and **Play**, leveraging their features such as **service discovery, circuit breaking**, and **load balancing** to streamline microservice development.
* Implemented **Netflix Zuul API** gateway for the **REST services** and registering services to **Spring Eureka server**.
* Experience on **AWS** Deploying, managing and operating scalable, highly available, and fault tolerant systems and managed continuous delivery systems and methodologies on **AWS.**
* Experience on practical implementation of cloud-specific **AWS** technologies including **IAM, MFA, Elastic Compute Cloud (EC2), Simple Storage Services (S3), Route 53, Cloud Formation, Elastic Bean Stalk, Virtual Private Cloud (VPC), RDS and Cloud Watch.**
* Familiar with **networking concepts** in **Docker**, including **creating networks, exposing ports**, and **setting up load balancing** for **container-based** applications.
* In-depth knowledge of **Docker security** and best practices for **securing containers**, such as running containers with **non-root users** and implementing appropriate **access controls.**
* Monitor server logs to support logs to support production activities with the help of **Kubernetes logs** and Also experienced in monitoring logs in **Apigee developer portal.**
* Strong experience in designing and executing **automated functional, integration**, and **regression** tests for Java applications using **Selenium WebDriver**.
* Proficient in utilizing **Selenium Grid** for **parallel** **execution** of tests on different **browsers** and **operating systems**.
* I utilized **JIRA** for tracking bugs and managing pull requests, utilized Confluence for collaboration and sharing essential information, and employed either GIT or Bitbucket for maintaining source control.
* Significant understanding and proficiency in utilizing **Maven** build tool for effectively managing project **dependencies, generating build artifacts**, and **deploying** complex applications.
* Proficient in creating and maintaining **multi-stage** deployment processes using **Jenkins** and **Git**.
* Experience in working with **NoSQL** Database like **MongoDB** to manage extremely large data sets.
* I have a strong understanding of **caching** and **messaging** systems, which play a critical role in building scalable and **high-performant** Microservices. I have used **MongoDB's** built-in **caching** and **messaging** capabilities to improve the **performance** of Microservices.

**Achievements:**

* Spearheaded the development and deployment of a real-time network monitoring application, leveraging **Java, Angular10** and **RESTful APIs**, resulting in a 30% reduction in network downtime and enhanced network reliability for CapitalOne customers.
* Led the design and implementation of a highly scalable customer management system, utilizing **Java, Spring Boot,** and **MongoDB,** leading to a 20% improvement in customer onboarding and support processes.
* Recognized for outstanding teamwork and collaborative spirit, actively contributing to successful cross-functional projects and initiatives within the CapitalOne team.

**Environment:** **Java 8, J2EE, Spring MVC, AJAX, Angular 10, Node JS, AWS, JavaScript, JIRA, Spring Boot 1.4x, Web services, Microservices, AWS, ELK stack, Maven, HTML5, CSS4, Docker, MongoDB, Git, Jenkins, Selenium, STS.**

**Client: HSBC – Jersey City, NJ Jan 2015 – Dec 2016**

**Role: Java/J2EE Developer**

**Description:** HSBC's primary focus is on creating portfolios and financial reports for investors and customers. Additionally, it supplies data to multiple downstream systems and stores this information to generate reports utilized by source and target systems. Unifying partnerships within the government and private sector played a significant role in establishing a local presence and securing profitable contractual arrangements.

**Responsibilities**:

* Experience in full **System Development Life Cycle** (**Design, Development, Testing, Deployment,** and **Support**) using development methodologies and Agile principles such as **Scrum, Kanban, TDD,** and **CI** for automated testing
* Implemented modular and reusable components using **React.js** concepts such as **state, props** and **lifecycle methods**, resulting in efficient and clean code.
* Leveraged the power of **Redux** to manage application state and utilized **Node.js** and **Express** to handle **server-side rendering, routing,** and **database operations**.
* Expertise in building **dynamic** and **interactive web applications**, incorporating authentication and authorization processes using technologies like **passport.js** and **JSON Web Tokens (JWT).**
* My expertise includes optimizing website and application speed and performance, implementing **SEO strategies**, and utilizing various techniques like **lazy loading** to reduce load time and increase **user engagement.**
* Proven experience in converting and upgrading legacy **Spring MVC** applications to newer versions of the framework, including adopting new features and best practices for better performance and maintainability.
* Successfully migrated monolithic **Spring MVC** project to **Microservices architecture**, leveraging **Docker** containers and **Kubernetes** for deployment and scalability.
* Implemented **Spring Boot** framework to improve application startup time and simplify **project configuration**, reducing overall development time and enhancing **code modularity**.
* Collaborated with **cross-functional** teams to identify, debug, test and resolve any integration and compatibility issues during the **migration** process.
* Optimizing **thread** performance and resolving **bottlenecks** by troubleshooting concurrency and memory management issues in **multithreaded** applications using **Java VisualVM** and **JProfiler**.
* Extensive experience in using the **Ant build** tool for automating the building and deployment of **Spring MVC** applications, including setting up the **project structure, managing dependencies** and **deploying** on servers.
* Strong background in implementing **SOAP** architecture in various use case scenarios such as **data** **synchronization**, client-server communication, and enterprise application integration
* Experience with **Oracle** database management including **creating, modifying** and **troubleshooting database objects** such as **tables, views, indexes** and **sequences.**
* Implemented various database functionalities such as **stored procedures, triggers** and **database views** in Oracle to improve query performance and data integrity.
* Implemented an auto-scaling infrastructure using **AWS EC2**, which allowed for increased efficiency and cost-saving by automatically scaling up or down based on application workload.
* Extensive knowledge of **Object-Relational Mapping** (ORM) technologies like **Hibernate** for database interactions.
* Strong understanding of caching techniques such as **Memcached** and **Redis** to improve application performance.
* Worked with **production** support team to resolve the production issues.
* Used **IntelliJ 2** IDE for developing code modules in the development environment.
* Utilized **CVS** version control for the purpose of monitoring and preserving various versions of the project.
* Hands-on experience in writing unit tests for **Spring MVC** controllers and service components using **JUnit** and other testing frameworks.
* Utilized test-driven development (**TDD**) and behavior-driven development (**BDD**) practices to ensure code quality and increase test coverage, resulting in fewer bugs and faster issue resolution.
* Automated build and deployment processes using **Jenkins** and **Ansible**, enabling faster and more reliable releases, while also facilitating **blue-green deployments** for **zero-downtime** updates.

**Environment: XML, XSL, Bootstrap, HTML5, CSS, Reactjs, Spring 3.5, Git, Aws, Web Services, SoapUI, Oracle 10G, Hibernate,TestNG, ANT, IntelliJ 2, Agile, JProfiler.**

**Client: Orbit Software Technologies June 2013 – Dec 2014**

**Role: Java/J2EE Developer**

**Description:** ADE Business is a centralized application that acts as the main gateway for all e-Agent platforms, including e-Home, e-Auto, Life, Umbrella, Foremost, Specialty lines, and Agency Dashboard. It allows Farmer's employees to effectively monitor their employer's business performance using various trackers. This tool is also beneficial for corporate employees as it enables them to keep track of their agents' performances. Additionally, ADE provides alerts and trackers that aid agents in retaining their customers and simplifying the policy processing procedure.

**Responsibilities**:

* During development, I used **Agile** methods and participated in sprints.
* Proficient in utilizing **AngularJS** to **Angular migration tools**, such as **ngMigration Assistant**, **ng-upgrade** and **ng-forward**, to simplify the migration process.
* Expertise in refactoring **AngularJS** codebase into **Angular modules** and **components**, while maintaining the functionality and performance of the application.
* **AngularJS** and **Angular** have some significant differences in their core concepts, such as component-based architecture and **RxJS** dependency
* Used **Spring Boot** to convert a **Monolithic** project to a **Microservices architecture** utilizing the 12-factor app methodology. Deployed, scaled, configured, and created manifest files for a variety of **Microservices**.
* Experience with core **Java** technologies such as **multi-threading, exception handling, collections, streams**, and **file I/O**, enabling efficient and robust application development.
* Extensive experience in designing lightweight business components and developing integrated applications using the **Spring Framework** and **Spring Web MVC.**
* Experienced in using **Hibernate ORM** tool to simplify data persistence and database management, improving application performance and scalability.
* Design and implemented the framework concept utilizing **Java** and **Spring**, as well as assisting with development environment configuration.
* Continuous integration was achieved through using build tools such as **ANT, Maven, and Gradle.**
* Engaged in application and production support analysis, design, technical documentation, development, and testing (Unit, Integration, and Load).
* Deep understanding of **PostgresSql** architecture including **storage, query processing** and **data management**. Able to optimize and fine-tune **PostgresSql** databases for **high performance** and **scalability**.
* Proven ability to maintain transactional integrity and consistency in a distributed environment, using techniques such as **two-phase commit** and **database sharding**.
* Implemented advanced **caching** mechanisms using **PostgreSql** to **optimize query** performance and reduce database load and built high-performance **CRUD** operations for database transactions in a **multi-threaded** environment.

**Environment**: **Java, postgressql, Angular2, HTML, JavaScript, CSS, JSON, Hibernate, Maven, Ajax.**