**NIKITHA GOTTIMUKKULA**

**Nikithagottimukkula23@gmail.com| (707) 234-5607| LinkedIn:** [**Nikitha Gottimukkula**](https://www.linkedin.com/in/nikitha-gottimukkula-97a728241/)

**SUMMARY**

* Full Stack Developer with 8+ years of professional experience in SDLC **– analysis, design, architecture, development, testing, deployment, and maintenance of Web-Based**, **Client-Server,** and **N-tier applications**.
* Skilled at progressing from problem statements to well-documented designs.
* Knowledge **in Object Oriented Analysis** and **Design (OOAD)** using **Unified Modeling Language (UML)** and using **Rational Rose** and **Enterprise Architect**.
* Experienced in developing applications using **J2SE** and **J2EE** technologies like CORE JAVA (**Multi-Threading**, **Collections**, **Garbage collection**, **Exception Handling**).
* Expertise in developing Enterprise Applications using **Servlets**, **JSP, JDBC, JMS**, **Swing, Struts, Spring, Shell Scripting**, **Hibernate**, **XML, Web services.**
* Designed and developed web applications using **Python, JSP, JavaScript, HTML5, CSS3, JQUERY, AJAX, JSON, XML, XSL, XSLT, Angular, React.JS and bootstrap.**
* Worked on **Kafka** to send and receive the message payloads.
* Worked in developing modern, complex, responsive, and **Single page web applications** with **React.JS** with **React flux** and **Redux** architecture using complex Object-Oriented concepts in improving the performance of the websites.
* Hands on experience with, **Struts, Struts MVC, Spring, Spring MVC, Spring Boot Spring Data JPA, Hibernate and JPA** frameworks.
* Experienced in securing the applications using **Spring Security** with different authentication/ authorization techniques includes Basic Authentication, **OAuth 2.0,** and **LDAP**.
* Excellent in developing and consuming the **SOA** (Service Oriented Architecture) services based on **SOAP** (JAX-WS) and **REST** (JAX-RS) specifications and particularly with SOAP implementations like Apache AXIS I, Apache AXIS II, Apache CXF and **REST** implementations like Spring, Jersey, and Rest template.
* Experience in developing **Micro services** using **Spring Cloud** and **Spring Boot.**
* **Experience** in developing **typescript, ES,** and **jQuery**. Working knowledge on HTTP access control **CORS** to enable cross-origin resource sharing in the project.
* Strong knowledge in Spring modules such as **Spring MVC, IOC, AOP, IO, Spring Boot, Spring Cloud, REST, Spring Integration, Spring Testing,** and **Spring DAO**.
* Hands on experience JBOSS, DROOLS, Guvnor, Business Rules, Decision Tables, Agenda filter and JBPM
* Worked on **RDBMS Design, DB normalization**, **ER modeling**, **SQL, PL/SQL**, **procedures, cursors, functions, triggers,** and goodUnderstanding in creating **PL/SQL in Oracle**, **MySQL**, **IBM** **DB2.**
* Worked on **No-SQL** databases like **MongoDB**.
* Utilized Drools to build rule-based systems for a variety of industries, including finance, healthcare, and manufacturing.
* Worked on various application servers and web servers like **BEA Web logic, JBoss, IPLANET** and **Tomcat.**
* Worked on XML parsers like **JAXB**, **JAXP**, **SAX** and **DOM**.
* Experienced in **AWS Cloud platform** and its features which includes **EC2, S3 bucket, EKS, ELB, EBS Cloud Watch, Elastic search, Terraform, Virtual Private Cloud, and SNS, SQS, Route 53, API Integration.**
* Used AWS SDK for connection to Amazon S3 buckets and EC2 to deploy Docker container with Micro Services
* Involved in developing **Test plans, Test Cases (Manual/Automated)** tools such as **Selenium, Protractor, Junit, Test Procedures** in **white-box** and **black-box testing,** UI testing tools **like Jasmine and Karma.**
* Used Continuous Integration Continuous deployment (CD/CI) tools like **Jenkins, Docker** to deploy the application to **AWS**.
* Experience in working with Financial, Aerospace, Health, Consumer Domains.
* Worked on build tools like **ANT, Maven** and **Gradle**.
* Used **IDE** tools like **Eclipse, Spring STS,** **IntelliJ**, **Borland JBuilder,** and **Oracle JDeveloper**.
* Having good knowledge on using Version Controlling tools (**CVS, SVN, Clear Case, GIT**) and defect tracking tools like **Clear Quest, Quality Center, and JIRA**.
* Used **Apache Log4j** and **Log back** for logging configurations in the applications.
* Worked extensively with **Hadoop** **Distributed** **File** **System** (HDFS) for storing and managing large volumes of structured and unstructured data.

**Technical Skills**

|  |  |
| --- | --- |
| **Languages** | C, C++, Java 8(J2SE 1.8/1.7/1.6/1.5, J2EE 6 / 5), Python, SQL, PL/SQL, UML2.0 |
| **Technologies** | JSP2.1/2.0/1.2, Servlets2.x/3.x, JavaBeans, JDBC, Struts2.x/1.x, EJB3.0/2.1, Hibernate4.x/3.x, Spring4.0/3.0, Web Services (SOAP, REST), Golang, Drools, JBPM JMS1.1, DOM Parsers, AJAX, JAXB2.1/2.0, JAXP1.x |
| **Web Technologies** | HTML 5/DHTML, XHTML1.1, JavaScript (ES/ ES 6), jQuery, MUI, Angular-JS 1.5, Angular 2,4,7,8,11,13 React JS, Typescript, CSS3, XML1.0, XSL, NPM, XSLT, Bootstrap |
| **Development Tools (IDEs)** | Eclipse 3.2/3.0/2.1.1, MyEclipse6.0/5.1.1, IntelliJ, MS Visual Studio Code |
| **Web/Application Servers** | Tomcat 7.x/6.x, Web Logic 10.3/9.2/8.1/7.0, IPLANET, JBoss 7.0 |
| **Design Patterns** | MVC, Front Controller, Session Façade, Singleton, Business Delegate and DAO patterns |
| **Databases** | Oracle 12c/11g/10g, MS SQL Server 2008/2005, MySQL5.1/4.1, DB2 9.1/8.1/7.2 |
| **No SQL Database** | MongoDB (3.X), Cassandra |
| **Platforms** | Windows, UNIX, LINUX |
| **Testing Tools** | JUnit 4.x, Jasmine 2.3/2.4, Karma, Protractor 2.5/3.0, Selenium 3.0.1 |
| **Version Control** | CVS, SVN, TORTOISE SVN, GIT. |
| **Methodologies** | Agile Methodology, Waterfall Methodology |
| **Other Tools** | Ant 1.7, Maven 3.x, Gradle3.x, Jenkins (CI), Rational Rose, Log4J, AWS, Docker |
| **Cloud Computing** | Amazon EC2, S3, Direct Connect, GCP, VPC, Elastic Beanstalk, Simple DB, RDS, ELB, IAM, EBS and other services of the AWS family. |

**PROFESSIONAL EXPERIENCE**

**Client: US BANK - Remote**

**Role: Senior Java Developer**

**Duration: June 2022– Present**

**Responsibilities:**

* Worked on Waterfall Methodology and was Involved in various phases of SDLC as requirement gathering, modeling, analysis, architecture design, development, and testing.
* Responsible for writing SQL, PL/SQL Stored procedures, and Unix Korn shell scripts, triggers for querying databases to check data consistency.
* GCP (Google Cloud Platform) traffic was monitored for scenarios involving error handling and troubleshooting.
* Understand and adopt Microservices architecture to gradually replace a core monolithic application with Microservices.
* Designed and implemented CI/CD pipelines using Jenkins and GitLab for automated deployment and continuous integration of applications running on AWS EKS.
* Developed responsive and visually appealing user interfaces using HTML5, CSS3, and SCSS, ensuring consistent branding and user experience.
* Integrated front-end components with back-end services, incorporating RESTful APIs and leveraging API gateways for efficient communication.
* Practiced Test-Driven Development (TDD) and paired programming to deliver high-quality software.
* Collaborated with team members to design, develop, and test complex features.
* Utilized ServiceNow for IT service management, automating incident resolution and service requests.
* Implemented Kafka for real-time event streaming, enabling data-driven decision-making.
* Designed infrastructure as code (IaC) templates using Terraform for AWS cloud resources.
* Automated configuration management and deployments using Ansible, reducing manual errors.
* Led cross-functional incident response teams, coordinating efforts to minimize downtime and impact.
* Implemented incident tracking and documentation processes to improve incident analysis.
* Developed incident reports and post-incident reviews (PIR) for process improvement.
* Participated in AGILE/SCRUM development processes, attending daily stand-ups and sprint planning.
* Worked closely with product owners to prioritize and refine user stories.
* Designed and maintained Crystal Reports templates for standardized and scheduled report generation, enhancing reporting efficiency.
* Developed RESTful Services with Java 8 using JAX-RS and Spring Boot. Coding for consuming the REST APIs, getting JSON responses, and parsing them to get the required formats.
* Expertise in various components in Spring, which includes Spring IOC, AOP, Spring JDBC, Spring MVC, Spring JPA, Spring Batch, Spring Security, and Spring Boot.
* Developed various pages in the applications in front-end technologies Python, HTML5, CSS3, JSON, and Angular 8.
* Extensively involved in upgrading the existing system from Angular 8 to Angular 13.
* Developed Single Page Applications (SPA) using Angular 7, TypeScript, HTML5, CSS3, and Bootstrap 3.
* Developed business logic using core Java concepts like Collections, Multi-Threading, Exceptional Handling, Servlets, and Serialization
* Created a private cloud using Kubernetes that supports DEV, TEST, and PROD environments.
* Managed Kubernetes manifest files and Managed releases of Helm packages
* Deployed Docker contained Spring boot microservices into AWS EC2 container service using AWS admin console and used SNS, Route 53, SQS, EKS, EC2, and Lambda to run applications in AWS.
* Assisted in the configuration and administration of Informatica environments for development and testing purposes.
* Led and coached Agile teams through SAFe implementation, fostering a collaborative and productive work environment.
* Facilitated Agile ceremonies, including Sprint Planning, Daily Stand-ups, Sprint Reviews, and Retrospectives.
* Worked on Build/Environment tools such as Gradle, Jenkins, Tomcat Server, Eclipse IDE, and ALM for tracking bug/user stories.
* Developed RESTful Web Services using REST controllers of Spring framework.

**Environment:**

Java 8, Jenkins, ALM, UNIX/LINUX, SVN, Eclipse IDE, JUnit, Gradle, Tomcat Server, Restful Web services, JSP, Servlets, HTML, CSS, React JS, NPM, MUI, Spring framework, Python 3.11, Microservices, Adobe Acrobat, Rabbit MQ, JBPM, Spring Boot, Docker, Kubernetes, AWS, GCP, Hibernates, SQL/PL SQL, XML Configurations

**Client: Express - Atlanta, GA**

**Role: Senior Java Developer**

**Duration: May 2021 – May 2022**

**Responsibilities:**

* Used Angular router and implemented module-wide routing and created different forms using Angular data-driven and template-driven forms.
* Led the adoption of Test-Driven Development (TDD) and paired programming practices in the development team.
* Implemented ServiceNow workflows for incident management, change management, and service requests.
* Established Kafka event streams for monitoring and alerting in a distributed system.
* Managed infrastructure provisioning and scaling using Terraform templates.
* Automated server configuration and application deployments with Ansible playbooks.
* Collaborated with DevOps teams to enhance CI/CD pipelines and release processes.
* Mentored junior developers on TDD, paired programming, and automation best practices.
* Implemented incident management tools and workflows to streamline incident response.
* Conducted incident retrospectives to identify process improvements and preventive measures.
* Collaborated with QA teams to validate incident resolutions and prevent recurrence.
* Facilitated SCRUM ceremonies, including sprint reviews and backlog grooming sessions.
* Assisted in the development of user stories and acceptance criteria, ensuring alignment with business goals.
* Mentored team members on AGILE and SCRUM practices and incident management best practices.
* Experience in developing and implementing complex rule sets using Drools.
* Consumed REST services using Angular HTTP and performed REST HTTP operations for data retrievals and updates.
* Conducted regular performance monitoring and tuning of Nginx, utilizing tools like Grafana and Prometheus to identify bottlenecks and proactively address performance issues.
* Developed various REST Microservices using Spring Boot, Spring Cloud, and Spring Netflix libraries.
* Developed unit test cases using Junit, Mockito, and Spring to test REST microservices.
* Performed REST validations and created REST exception Handlers and used Postman to test REST services.
* Used Hibernate OGM to map Java classes to Mongo DB collections and documents.
* Implementation knowledge of Apache Spark framework with RDDs and worked with Apache Kafka implementation.
* Involved in Creating cloud formation templates using AWS Cloud formation and leveraged Elastic container services to run Docker microservices in AWS.
* Performed Test Driven Development (TDD), creating detailed JUnit and Mockito tests for every piece of functionality before writing the actual functionality.
* Worked on data-driven testing, cross-browser testing, and parallel test execution using Selenium Web driver and Selenium Grid.
* Used Log4j API for logging and used GIT as a version-controlling system and Eclipse as the IDE.

**Environment:**

Java 8, HTML 5, CSS 3, Bootstrap, Angular 2/4, jQuery, Python, Spark, React JS, NPM, JavaScript, JSON, XML, MongoDB, Spring MVC, TOMCAT, JPA, AWS, JBPM, GCP, RESTful, Apache Maven, Jenkins, Jira, Confluence, GIT, Visual Studio Code IDE, Protractor, Jasmine, Karma, Docker, Hadoop, Angular CLI, Mockito, Junit, Linux.

**Client: FedEx - Memphis, TN**

**Role: Java Developer**

**Duration: Feb2019-April2021**

**Description:** This Application is about FOIS Services - Services App to support flight Operations. The main purpose of this application is to provide services to users or systems that needs flight information to process or perform their duties. FOIS service Is based on the principles of SOA.

**Responsibilities:**

* Involved in analysis, specification, design, implementation, and testing phases of SDLC and used Agile methodology (SCRUM) for developing applications.
* Designed and implemented applications using JSP, JSTL, Spring MVC, IOC, AOP, Spring Transactions, Hibernate, JDBC, SQL, ANT, JMS, and JBoss.
* Extensively used Java best practices and implemented several Core design patterns like Singleton, Data Access Object (DAO), and Business Delegate, etc.
* Used jQuery Ajax to perform backend calls for data retrievals to populate model objects in collections used JavaScript to perform client-side validations and used CSS3 for styling of Web pages, including colors, layout, and fonts.
* Developed and maintained front-end components and user interfaces using Angular, HTML, CSS, and TypeScript.
* Designed and implemented data models for NoSQL databases, such as MongoDB and Cassandra, to support flexible and scalable data storage and retrieval.
* Established CI/CD pipelines using Jenkins and MuleSoft's deployment capabilities, automating the deployment process and reducing time-to-market.
* Developed Web services to allow communication between applications through RESTful over HTTP using ApacheAxis2. Developed UI using HTML. JSP, JSF 2.0 and CSS.
* Designed and optimized Drupal databases to improve website performance and data retrieval efficiency.
* Extensively used Spring IOC, configured Application Context files, and performed database object mapping using Hibernate annotations. Used Hibernate JPA for mapping business objects to the Oracle database.
* Used AWS SDK for connection to Amazon S3 buckets as it is used as the object storage service to store and retrieve the media files related to the application.
* Used Amazon IAM to maintain the user credentials and was involved in creating custom IAM policies to various groups defined within the organization.
* Implemented custom Drupal modules and themes to extend functionality and enhance the user experience.
* Created a web application using Scala and Play framework, delivering a responsive and user-friendly experience.
* Used Amazon Cloud Watch to monitor the application performance and used the logs to identify any threshold limits.
* Used Dynamo DB to store the data for metrics and backend reports. Set up the Continuous Integration (CI) process for the application using Jenkins.
* Used JIRA to assign, track, report, and audit the issues in the application, SVN as a version-controlling system, and IntelliJ as IDE.

**Environment**:

Java 1.6, Java 8, J2EE, AWS (SDK, IAM, cloud watch, dynamo DB), HTML, JPA, CSS, GCP, JavaScript, Spark, Spring MVC 3.0, Hibernate 3.0, JDBC, RESTful, Maven, Oracle10g, TOMCAT, IntelliJ XML, JSON, Log4j, jQuery-UI, UML.

**Client: Aetna - Hartford, CT**

**Role: Java Developer**

**Duration: Feb 2017 - Dec2018**

**Description: The project** aims to deliver the New Aetna Digital experience. They want to provide a Single integrated consumer experience with Strong branding recognition and royalty.

**Responsibilities:**

* Involved in various phases of Software Development Life Cycle (SDLC) such as design, development and testing.
* Participated in generating the use case diagrams, Activity diagrams, Class diagrams and Sequence Diagrams in the design phase using Rational Ross.
* Trained in N-tier architecture of Enterprise application including Business Tier, Persistence Tier, and Presentation Tier.
* Conducted training sessions for team members to enhance their Drupal development skills and knowledge.
* Focused primarily on the MVC components such as Dispatcher Servlets, Controllers, Model and View Objects, View Resolver. Developed UI using HTML. JSP, JSF 2.0 and CSS.
* Developed Servlets for processing the data on the server. Used JavaScript for client-side validation and AJAX for asynchronous calls.
* To enable automated testing for each code commit, JUnit tests were integrated into the continuous integration (CI) pipeline using tools like Jenkins. Performed Unit Testing and developed Unit Test Classes using Junit.
* Design Patterns like Singleton, Factory, Session Façade, and Data Transfer Object were used in development.
* Used Spring AOP and IOC for resolving the bean dependencies.
* Implemented Cloud Application Resources using Angular, Java 8, Spring Boot Microservices, and MySQL.
* Actively involved in writing SQL using SQL query builder.
* Used DAO pattern to retrieve the data from database.
* Terraform was used to deploy the infrastructure required to build development, test, and production environments for software development projects.
* Developed the build scripts using ANT and deployed and validated the application in JBOSS server.
* Used Tortoise SVN to maintain the version of the files and took the responsibility to do the code merges from branch to trunk and creating new branch when new feature implementation starts.

**Environment**:

Java 8, J2EE 1.4, Hibernate 2.0, Spring, XML, AWS, SVN, JSP, ORM, Drools, JBPM, JUnit, JSF, ANT, UML, JAX-WS 2.0, Log4J, DOM, SAX, Oracle 10g, JavaScript, AJAX, JIRA, Tortoise SVN,JBOSS.

**Client: Omniscient Software Pvt. Ltd, India**

**Role: Java/J2EE Developer**

**Duration: Sept 2014 – July2016**

**Responsibilities:**

* Developed UI using HTML, React JS, JavaScript, and JSP and developed Business Logic and Interfacing components using POJO, XML, and JDBC.
* Followed Waterfall methodology to plan and monitor project.
* Used Struts framework to follow MVC Architecture in the application server.
* Configured Struts Dyna Action Forms, Message Resources, Action Messages, Action Errors, Validation.xml, and Validator-rules.xml.
* Managed connectivity using JDBC for querying/inserting & data management including triggers and stored procedures.
* Developed various DAOs for handling business logic and data manipulations from database.
* Involved in design of JSP’s and Servlets for navigation among the modules.
* Deployed the application in web logic server. Used Eclipse as IDE and used SVN for versioning control system.
* Used Oracle data base. Wrote scripts for creating tables and retrieving data from them.

**Environment**: J2EE, Java/JDK, JDBC, JSP, Struts 2.0, HTML 4.0, React JS, JavaScript, CSS, JavaBeans, XML, XSLT, Oracle 10g, Eclipse, web logic, SVN, Windows.