**Saikiran N**

**E-mail: saikiran6795@gmail.com**

**Ph: (913) 392-9370 EXT: 115**

**LinkedIn:** [**www.linkedin.com/in/kiran91825**](http://www.linkedin.com/in/kiran91825)



**SUMMARY:**

Senior Full-stack Developer with over 9 years of experience in Java/J2EE development, including a strong background in UI development using Angular, React JS, and other modern web technologies. Proficient in the Spring Framework, Hibernate, RESTful Web Services, and adept at working with mobile IT teams to implement enterprise solutions. Highly skilled in cloud technologies with extensive hands-on experience in Amazon Web Services (AWS) and microservices architecture. Proficient in Python, Dart, and Flutter with over 3 years of direct experience in Dart and Flutter development.

* Extensive experience with **Object-Oriented Analysis and Design (OOAD)**, **Design Patterns**, and **Service-Oriented Architecture (SOA)**.
* Hands-on experience as a **Spring Boot Developer** within Mobile IT teams, contributing to innovative mobile solutions.
* Developed web applications using **Model View Controller (MVC)** architecture with **Java/JSP** and server-side applications like **Django**, **Flask**, and **Pyramid**.
* Expertise in backend development with **Python/Django**, **SQL**, **MySQL**, and **PostgreSQL**.
* Skilled in Python data manipulation, exploratory data analysis, and visualization using various Python libraries.
* Proficient with **Python IDEs** such as **PyCharm**, **PyScripter**, **Spyder**, and **PyDev**.
* Hands-on experience in mobile app development with **Flutter**, creating cross-platform applications for **Android** and **iOS**.
* Strong expertise in **Java/J2EE technologies**, including **Spring Boot**, **Spring Batch**, **Spring Security**, and **REST Web Services**.
* Hands-on experience with **Hibernate** for persistence, using **HQL**, **Named Queries**, and **Criteria API** for efficient database interactions.
* Proficient in **MySQL** and **SQL Server** for backend database development, and skilled in **NoSQL** databases like **MongoDB** and **Cassandra**.
* Experience with **Apache Kafka** for real-time streaming and **microservices architecture** using **Spring Boot**.
* Expertise in using **PrimeFaces** for developing component-based UI applications.
* Hands-on experience with **Docker** for containerization, including creating, deploying, and managing **Docker containers**.
* Proficient in **AWS services**, including **EC2**, **S3**, **RDS**, **Elastic Beanstalk**, **CloudFormation**, and **IAM**.
* Hands-on experience with **JMS**, **Kafka**, and **Zookeeper** as messaging services, and building highly scalable applications.
* Extensive experience with building tools such as **Maven**, **Ant**, and **Gradle**, and deployment automation using **Jenkins**, **Bamboo**, and **CI/CD pipelines**.
* Strong working knowledge of **version control systems** like **Git**, **SVN**, and **CVS**.
* Experience in designing and implementing **microservices** on **AWS** and **PCF** platforms and migrating applications to the cloud.
* Proficient in monitoring and logging tools such as **Splunk** and **ELK Stack** for performance analysis and debugging.
* Hands-on experience with **Apache Kafka**, **Zookeeper**, **JMS**, and **Spring Cloud** for building robust, scalable, and fault-tolerant microservices.
* Expert in working with middleware persistence frameworks like **Hibernate/JPA** for mapping Java classes and interacting with databases.
* Proficient in **Test Driven Development (TDD)** and **Behavior Driven Development (BDD)** using tools like **JUnit**, **Mockito**, and **Cucumber**.
* Experience in developing and managing **API proxies** with **Apigee** and integrating policies on **Apigee Edge**.
* Strong expertise in **Java 8 features**, including **Lambda Expressions**, **Streams API**, and **Functional Interfaces**.
* Experience in developing, maintaining, and deploying web applications using **Java/JSP**, **PrimeFaces**, **Spring Boot**, and **Microservices architecture**.

**TECHNICAL SKILLS:**

|  |  |
| --- | --- |
| **Languages** | C, , Java 11.0/8.0/7.0, Python, Dart, , SQL and PL/SQL |
| **Mark-up/XML Technologies** | HTML5, CSS3, Bootstrap, JavaScript, jQuery, AngularJS, React JS NodeJS, XML, XSD, XSL/XSLT, SAX/DOM, DOJO, JSP and JSON. |
| **Tools & Framework** | Struts, Spring, Hibernate, Spring MVC, Spring Web Flow, Spring IOC, AOP, Security, Spring Boot, JUnit, Apache CXF, PrimeFaces, SOAP UI, Google Web Toolkit, Dart , Flutter. |
| **Build Automation** | ANT, MAVEN, Jenkins, Gradle. |
| **Web services** | SOAP, RESTful, UDDI, WSDL, JAX-RPC, JAX-RS, JAX-WS, JAX-B, Micro services, Kafka, Apache Axis and Apache CFX. |
| **Cloud Technologies** | Amazon Web Services (EC2, SQS, RDS, IAM, S3), PCF and Spring Cloud. |
| **Web/App Servers** | Web Sphere, Apache, Apache Tomcat, JBOSS EAP, Web Logic Server and Apache Camel |
| **Databases** | MYSQL, Oracle, SQL-Server, IBM DB2, NoSQL DB like MongoDB and Couch base, Cassandra, |
| **IDE tools** | Eclipse, Net Beans, Spring Tool Suite (STS) and IntelliJ IDEA, RAD, Adobe Dreamweaver. |
| **Testing Tools/ Others** | Selenium, JUnit, Rational Clear Quest, RTC, Load UI and Mockito. |
| **Version Control** | Tortoise SVN, CVS and GIT |
| **OS & Environment** | Windows, Win 2k Server, Sun Solaris, UNIX |
| **Design Patterns** | Singleton, Factory, MVC, Front Controller and DAO pattern. |

**PROFESSIONAL EXPEREINCE:**

**Client: OverStock, USA Aug 2023 – Till Date**

**Role: Sr. Java Full Stack / Spring Boot Developer**

**Responsibilities:**

 Involved **in SDLC** requirement gathering, analysis, design, development, testing, and deployment of applications using **Agile (SCRUM)** methodology.

 Developed rich user interfaces for **Single Page Applications (SPA)** using **Angular 10.0**, **Typescript**, **HTML**, **CSS4**, and **Material Framework**.

 Experienced **in Angular 10.0** modules, services, templates, directives, dependency injection, lazy loading, and differential loading to create responsive SPAs.

 Wrote **Python** routines to log into websites and fetch data for selected options, leveraging **Django** and **Flask** frameworks.

 Involved in designing and deploying a multitude of applications utilizing almost all of the **AWS stack** (including **EC2**, **Route53**, **S3**, **RDS**, **Dynamo DB**, **SNS**, **SQS**, **IAM**), focusing on high availability, fault tolerance, and auto-scaling in **AWS CloudFormation**.

 Proficient in writing clean, concise code in **Dart**, leveraging its optional type system similar to **Python's dynamic typing** for increased flexibility.

 Developed applications in **Dart** with modern language features, utilizing its extensive libraries and packages, akin to **Python’s** ecosystem of modules.

 Led the development and implementation of **Spring Boot applications**, utilizing expert knowledge of **Java-J2EE Development** and the **Spring Framework**.

 Utilized **Spring Boot** to enhance mobile app performance by ensuring rapid response times and efficient data retrieval via **RESTful APIs**.

 Designed and developed **Microservice business components** using **Java**, **Spring Boot**, **Spring Security**, **Spring Batch**, **Spring Data JPA**, and implemented **REST Web Services** based on **RESTful APIs**.

 Experience with **Flutter's hot reload feature**, expediting the development process and improving productivity, similar to **Python's interactive environment** and **Java’s rapid development tools**.

 Utilized the **Spring Framework**, including **Spring Core/IOC**, **Spring AOP**, **Spring ORM**, **Spring Auto-wiring**, and implemented authentication and authorization features using **Spring Security**.

 Created and injected **Spring Services, Controllers, and DAOs** to achieve **Dependency Injection**.

 Wrote **Spring Batch jobs** for updating bulk records at scheduled intervals.

 Developed applications using new features of **Java 8**, such as annotations, generics, enhanced for loops, and enums.

 Used **Java 8 Stream API** for bulk data operations on collections, employing both streams and parallel streams.

 Implemented **Service-Oriented Architecture (SOA)** and **OOP concepts** using web services like **SOAP** and **REST**.

 Applied **J2EE design patterns** such as **MVC**, **Singleton**, **Factory**, **DAO**, **DTO**, and **Service Locator**.

 Involved in using **Spring Security** for securing web applications, focusing on **Microservice Authentication**.

 Used **OAuth 2.0** with the **Spring Security framework** to securely expose APIs, mandating access tokens for client requests, employing the **implicit/API grant type**.

 Experienced in using **Spring Feign Client** to establish HTTP communication between **Microservices**.

 Utilized **Spring Boot Actuator** for monitoring and managing production applications.

 Worked extensively with **Spring Data JPA** for database interactions and CRUD operations.

 Used **Spring Config Server** to externalize configurations in a distributed system, encrypting and decrypting property values for security and maintainability.

 Collaborated with **Oracle Database Developers** and middle-tier teams to ensure high-performance system development.

 Experience migrating **AWS RDS databases** to **EC2** instances for enhanced cost savings.

 Worked with cloud-specific **AWS technologies**, including **IAM**, **S3**, **Elastic Beanstalk**, **VPC**, **RDS**, and **CloudWatch**.

 Developed **Java API for Amazon Lambda** to manage various AWS services.

 Implemented **Kafka Producer** and **Kafka Consumer** in microservices for real-time data flow.

 Monitored server logs using **Kubernetes logs** and **Splunk Cloud logging** for production support activities.

 Experienced in writing **Deployment**, **Service**, and **Ingress objects** for deploying applications into **Kubernetes**.

 Utilized **Jenkins CI/CD pipelines** to build applications into the **Docker registry** and deployed them into **Kubernetes**.

 Implemented **Drools Architecture** for highly scalable and performance-efficient solutions.

 Developed backend services to fetch data from **MySQL** using **Spring Data JPA** and **Hibernate** frameworks.

 Developed **UI components using PrimeFaces to build interactive and responsive user interfaces for JavaServer Faces (JSF) applications**.

 Wrote unit tests for server-side applications using **JUnit5** and the **Mockito framework**.

 Experienced in writing integration tests using the **Spring MVC test framework** and **H2 database**.

 Developed a logging module using **Log4J 2** to create log files for debugging and tracing applications.

 Maintained progress of issues in **JIRA** and participated in weekly code reviews to ensure code quality.

 Experienced in creating pipeline scripts for **CI/CD deployment** using **Jenkins**.

 Used **Gradle** as a build and dependency management tool and **Git** for version control.

**Environment**: Java 11.0, Spring Boot, Spring Security, Eureka, HTML/CSS/Typescript, Material, Web Services, IntelliJ, Postman, REST services, JUnit, JMeter, Gradle, GIT, Contrast, Angular 10.0, Accessibility, twistlock, Tomcat, Apache Kafka, Hibernate, MongoDB, MYSQL, JSP, PrimeFaces, AWS, Kubernetes, Docker, Concourse, Junit 5.0, Cucumber, Protractor, Karma, Jasmine, Jenkins, Jira.

**Client: GE HealthCare, USA July2021 – Aug2023**

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

**Responsibilities:**

* Used AGILE methodology and actively participated in Scrum meetings to produce quality deliverables within time.
* Used **React JS** for templating for faster compilation and developing reusable components.
* Developed multi-threaded standalone app in Python to view performance.
* Developed multi-threaded standalone app in Python to view performance and also Developed entire frontend and backend modules using Python on Django Web Framework.
* Developed tools using **Python, XML** to automate some of the menial tasks. Interfacing with supervisors, systems administrators and production to ensure production deadlines are met.
* Wrote a **PySpark** program to parse out the needed data by using Spark Context and select the columns with target information and assigned names.
* Developed applications in **Dart**, taking advantage of its modern language features, which align well with Python's simplicity and readability.
* Adapted object-oriented programming skills from **Java to Dart**, enabling effective code organization and maintainability.
* Leveraged **Flutter's framework** as a Python and Java developer to create cross-platform mobile applications for Android and iOS using a single codebase.
* Developed custom **Flutter plugins** to access native device functionalities and integrate third-party services, akin to Python packages and Java libraries.
* Experience with **Flutter's hot reload** feature, speeding up the development process and enhancing productivity, much like Python's interactive development environment and Java's rapid development tools.
* Implemented various routing mechanisms in the webpage using **React JS**.
* With the concept of **React JS** Worked on usage metrics and also end to end events tracing for analysis purpose.
* Used object storage container to store the secured files and retrieved from **API** by using Amazon Web Services (AWS).
* Created Class Diagrams, Sequence Diagrams and Activity Diagrams to describe the relationship that exists among system's object in accordance with the business requirements.
* Worked in using React JS Components, **Forms, Events, Keys, Router, Animations** and **Flux concept**.
* Changing the AWS Infrastructure Elastic Beanstalk to Docker with Kubernetes
* Used AWS Lambda to run the code in the **AWS** comprehensive, evolving cloud computing platform.
* Designed dynamic client-side JavaScript codes to build web forms and simulate process for web application, page navigation and form validation.
* Deployed Spring boot based **Micro Services, Docker** container using Amazon EC2 container using AWS admin console.
* Installed and configured Docker for creating Virtual environments and applied the company build pipeline using Jenkins, AWS and Docker.
* Developed application using **Spring MVC**, Hibernate and Rest Web Services on presentation layer, business layer is built using Spring and the persistent layer.
* Core Java development and Support of **Java/J2EE** applications with emphasis on **OOP**-based web forms, business logic, database access components.
* Core java development for different components. Developed the application using **Core Java, Multi-Threading, Spring Core, Beans, JDBC**, Transaction and Batch, Oracle. Maven.
* Developed Microservices and converted the user stories into backend logic in service classes.
* Used Microservices with **Spring Boot**-based services interacting through a combination of **REST** and **Apache Kafka** message brokers
* Implementing Micro Services to base on Restful API utilizing **Spring Boot** with **Spring MVC** and Apache Kafka
* Build REST by building Node JS Server in the back end to handle requests sent from the front-end jQuery Ajax calls.
* Created Stored procedures using **PL/SQL** for data modification (Using DML insert, update, delete) in Oracle.
* Used React JS to develop client-side web application which included dealing with data.
* Involved in the Development of various layers to accommodate the application as per the MVC design pattern, DAO and DTO patterns using Spring, Struts and Hibernate.
* Worked on performance tuning of cluster using Cassandra, configured internode communication between nodes and client using SSL encryption.
* Worked with Jenkins under the **CI/CD** pipeline providing continuous improvement to agile software development.
* Involved in fetching user details from third party applications using OAuth Authentication.
* Involved in system design and Java 8 development using Collections Framework, Lambdas, Streams, Parallel Streams, Functional Interfaces, Exception Handling, I/O System and JDBC for the action classes.
* Used XML and JSON for transferring/retrieving data between different Applications and Used MongoDB database high availability concepts with data replication, for the failover design.
* Development of front-end application using **Angular**, Dependency injection and Http modules with Node JS server for future evolutions.
* Designed and developed XSLT transformation components to convert data from XML to HTML.
* Implemented **IBM MQ AP**I to put get the messages from Message Queue.
* Integrated Automation scripts (**Selenium Web Driver API**) on Continuous Integration tools Jenkins for nightly batch run of the Script. Created Project plan on Jenkins, configured scheduled using Cron job.
* Extensively used Spring IOC, configured Application Context files, and performed database object mapping using Hibernate annotations.
* Spring AOP was used for intercepting the **SOAP** requests and for logging requests and for transaction management.
* Wrote test cases on JIRA and built test scripts for automating various end-end REST **APIs**.
* Used Hibernate Template and Core Hibernate in data access layer to access and update information in the database.
* Developed Web services to allow communication between applications through REST.
* Used Maven to build the application and deploy it on to the server.
* Followed **TDD** Test Driven Development and developed test cases by using **JUnit** and **Mockito**.
* Used Log4j for logging various levels of information like error, info, and debug into the log files.
* Created object modeling using **UML2**.
* Maintained version control of the Java files with **GIT**.
* Responsible for writing Unit Test Cases using Junit5. Responsible for Load Testing using **Apache** JMeter.
* Wrote unit testing codes using JUnit, resolved bugs and other defects using **Firebug, JIRA** and IntelliJ debugging tool.
* Involved in Unit integration, bug fixing, acceptance testing with test cases, Code reviews.

Environment: Core Java (Java 8), HTML5, CSS3, JavaScript, jQuery, XML, Angular 4/ 6, Bootstrap, Spring Core, IOC, MVC, DAO, Struts, Hibernate, MYSQL, MONGO DB SOAP web service, RESTful web services, Maven, WebSphere, JUnit, JIRA, Firebug, GIT.

**Client: Bureau of Labor Statistics, USA Nov 2019 to June2021**

**Sr. Java Developer**

**Responsibilities:**

* Worked on the design, development and testing phases of Software Development using AGILE methodology and Test-Driven Development (**TDD**). Implemented business logics with Multithreading, Collection framework API.
* Involved in development, design and implementation of the front end part of the widget-based application using **HTML5, CSS3, jQuery, JavaScript, AJAX, ReactJS, Bootstrap**.
* Developed various screens for the front end using React and used various predefined components from NPM (Node Package Manager) libraries.
* Designed pages using **Angular 5** Validations, Modules, Events, Expressions, Directives, Controllers and Filters.
* Configured the continuous delivery pipelines for deploying **Microservices** and **lambda** functions using Jenkins CI server.
* Involved in building a single page and cross browser compatible web application using Angular 4/5 (Angular routing) and Bootstrap.
* Bottle micro-framework implemented with **RESTful API** with **MySQL** database. Building cloud Microservices using Spring Boot.
* Used Spring Core Annotations for Dependency Injection Spring DI and Spring **MVC** for REST API s and Spring Boot for Microservices.
* Used multithreading in programming to improve overall performance using Singleton design pattern in Hibernate Utility class.
* Designed and developed Hibernate **DAO's** using Spring Framework’s Hibernate DAO Support and Hibernate Template.
* Involved in creating various Data Access Objects (DAO) for addition, modification and deletion of records using various specification files.
* Implemented the back-end services using **Spring Boot** and Spring Boot for batch processes input file scanning and posting batch job request to Message Queue.
* MySQL database used to load the application data and written **PL/SQL** procedures, complex queries to perform various data operations.
* Deployed Spring Boot based Microservices **Docker** container using Amazon EC2 container services and using AWS admin console.
* Developed Modules for the Front-end applications and integrating them to Back-end using **Spring MVC** & Hibernate framework.
* Used Spring **AOP** module to handle cross cutting concerns like transaction management, logging and profiling.
* Used Log4J to capture the log that includes runtime exceptions.
* Integration of automation batch run job with Jenkins. Worked with **Jenkins** Continuous Integration and Continuous Deployment (CI/CD). Used Web socket API for creation JEE applications.
* Followed Test Driven Development (TDD) to develop JUnit test cases and performed integration and system testing.

Environment: Java 1.7, Spring Boot, JavaScript, React JS, Angular 4/5, HTML5, CSS3, AJAX, Bootstrap, jQuery, Node JS, Hibernate, Microservices, AWS, JMS, Javascript, PL/SQL, JSON, JAXP, JAXB, Restful services, Eclipse, Jenkins, Git, Log4j, MySQL, Apache tomcat, Mockito, Jenkins, Junit, Maven.

**H&R Block, India July 2015 – Oct 2019**

**Role: Software Developer**

**Responsibilities:**

* Involved in analysis and design phase. Participated in **Scrum** meetings.
* Involved in the development of presentation layer using **JSP, HTML**, and **CSS**.
* Developed using Spring validation framework and **JavaScript** for validation on the front-end side.
* Worked in implementation of **MV**C design paradigm of Spring framework, object- relational mapping(ORM) using Hibernate and **Oracle database** at the back end.
* Involved in injecting dependencies into code using concepts like IoC of Spring Framework.
* Configured Spring ORM that provides simplified templates for accessing databases through ORM technologies, such as Hibernate in our case to access the database.
* Developed Web Services using **SOAP, WSDL** and **JAX-WS** programming model.
* Used WS-Security for providing security within **SOAP** messages.
* Worked on **Spring DAO**, **Spring MVC** and **Spring AOP** Interceptors.
* Worked on Data Access Objects (DAO), Session Facade, Service Locator, Business Delegate and Value Object patterns.
* Used JMS to communicate between the bank module and the application to send automated notification emails to the customers.
* Hibernate which was integrated with Spring framework helped mapping Java classes to database tables using **XML** files.
* Used **SVN** to check-in and check-out and co-ordinate among team members for Version Controlling.
* Used **Spring JMS** template for the asynchronous exchange of critical business data & events among J2EE components and legacy system.
* Performed unit testing using **JUnit**.
* Worked in an Agile work environment.

**Environment**: Java 7, J2EE, JSP, HTML, CSS, JMS, Spring 3.0, Hibernate 4.1, Eclipse IDE, Oracle WebLogic, SOAP web services, JavaScript, Log4J, CVS, JUnit, Oracle 11g, ANT, SoapUI, Generics