**SUMMARY**

A passionate software developer with 7+ years of experience in Software Development, from Analysis& Design to Implementation and Maintenance. Expertise in design and development of Web and Enterprise Applications using technologies such as Scala / Akka /Play framework (LightbendTechnologies), Java, Spring Framework to name a few. Expertise in developing Proof of concepts for key deliverables by evaluating and executing with latest and optimal technology stacks. Eager to learn and implement new tools and technologies as needed. Excellent team leader with testing, troubleshooting, problem solving and communication skills.

**TECHNICAL SKILLS**

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| --- | --- | --- |
| **Languages** | Scala, Akka, Java, Groovy, Python, SQL, PL/SQL, HTML, CSS, JavaScript, Bootstrap, JSON, AngularJS, ReactJS, Redux |  |
| **Databases** | Oracle, SQL Server, MySQL, Neo4J, Cassandra |  |
| **Frameworks** | Play / Akka Framework,Spring MVC, Hibernate,Restful Web Services, Groovy on Grails |  |
| **Other Tools** | Eclipse, IntelliJ, Spring Tool Suite, Git, Tomcat, UML, Gradle, SBT, Maven, Linux, JIRA |  |

**EXPERIENCE**

**Verizon Wireless**, Irving, Texas, USA **Dec 2018 – Present**

**Senior Software Developer**

* Developing a Fraud detection& Prevention system for Telecom Industry using Akka/Scala.
* The System intercepts the incoming user requests and finds if these are vulnerable based on certain factors in real-time.
* Coaching and mentoring team members.
* Provides strong technical leadership to a cross functional development team.
* Work with cross functional teams on business requirements and technical designs.
* Using Akka Persistence with Redis along with Cluster Sharding.
* Using Akka Streams for Real-time Anomaly / Fraud Detection and for running Machine learning pipeline.
* Using Kafka as a Distributed Message Broker that handles messages across multiple data centers.
* Using Splunk for Log Analysis/forensic analysis and using Spark Machine learning for processing Streaming data in Real-time to find fraud.
* Using Gatling for Application Load Testing. Developing applications using both on premise and Cloud Technologies (AWS).
* Worked on detecting the Fraud vulnerabilities and implemented business logic for Handling these.

**Environment:** Windows, Java 1.8, Scala 2.12, Play 2.4, Akka, AWS, Log4J, SBT, Maven, Tomcat 7, GIT, IntelliJ, MobaXterm, Splunk, Grafana, Kafka, Redis, Gatling, Camunda.

**Verizon Wireless**, Irving, Texas, USA(Consultant) **Dec 2017 – Dec 2018**

**Software Developer**

* Developing a fully functional RESTful API for telecom data using Akka / Scala.
* Using Akka Distributed Data, Akka Persistence with Redis along with Cluster Sharding.
* Using Akka Streams for Realtime Anomaly Detection.
* Developing applications using on premise and Cloud Technologies (Amazon Cloud Services).
* Developing a reporting application using Grafana, Kafka, Splunk.
* Working with data engineers to retrieve data from Hive, Oracle.
* Using Gatling for Application Load Testing.

**Environment:** Windows, Java 1.8, Scala 2.12, Play 2.4, Akka, AWS, Log4J, SBT, Maven, Tomcat 7, GIT, IntelliJ, MobaXterm, Splunk, Grafana, Kafka, Redis, Gatling, Camunda

**Datafactz**, Northville, Michigan, USA **Jan 2017–Dec 2017**

**Programmer Analyst**

* Developed a fully functional RESTful API for collection and retrieval of financial data using Play Framework.
* Developedwell documented RESTful APIto perform calculations in Scala and to store the data in Amazon RDS (MySQL)using Play framework and Swagger.
* Developed applications using Cloud Technologies (Amazon Cloud Services).
* Developed a reporting application using Spring Boot, Stored Procedures, AngularJS and MySQL by implementing Controllers, Services and following Restful architecture.
* Implemented Object-relation mapping in the persistence layer using hibernate framework in conjunction with Spring IoC/JDBC Template functionality.
* Implemented DAO (Data Access Object)Design Pattern for DML Operations like Insert, Update, Delete the records.
* Designed dynamic and multi-browser compatible pages using HTML, CSS, JavaScript, Angular JS and ReactJS.
* Developed an Akka POC. Created an Akka Actor which is intended to make asynchronous calls to a Rapid Miner Rest End Point and writes the response toanother Actor.
* Worked with data engineers and research scientists for developing Proof of Concepts.

**Environment:** Ubuntu(14.04), Java 1.7, Scala 2.12, Spring 4, Play 2.4, Hibernate 4.2,AWS(EC2, RDS), Log4J, SBT, Gradle, Tomcat 7, GIT, IntelliJ, Spring Tool Suite, MobaXterm, Java EE 7.

**Innovative Online Solutions**, Hyderabad, India **Jun 2014 - Jul 2015**

**Web Developer**

* Enhanced existing software to correct errors, upgrade interfaces and improve performance.
* Wrote maintainable and extensible code using Spring Boot in a team environment.
* Worked closely with SDEs from multiple teams for integration with back-end web services in SOA setup, contributing to a shared framework development, and setting best practices across the organization.
* Diverse experience utilizing Java tools in business, Web, and client-server environments including Java Platform, Java EE, EJB, JSP, Java Servlets, Struts, and JDBC technologies in UNIX/Linux environment.
* Expertise in Service Oriented Design & implementing RESTful APIs, SOAP, WSDL, XSD, JSON, Web services and XML.

**mPower Global Inc**, Bengaluru, India **Jun 2013 - May 2014**

**Software Engineer Trainee**

* Gathered stakeholder requirements and submitted to project coordinator.
* Documented business requirement documents for new projects.
* Researched, conceived and developed software applications to extend and improve on company’s product and service offering. Collaborated on scalability issues involving access to massive amounts of data and information.
* Maintained mission critical services. Assisted in ongoing capacity planning.
* Developed new software features and resolved issues. Interacted with customers on project status and technical issues.

**CERTIFICATION**

**Neo4j Certified Professional**

Date Issued: Oct 23, 2018, Michigan, United States

Issuing Institution: Neo Technology

**Oracle Cert Java Associate**

Date Issued: Jun 24, 2015

Issuing Institution: Oracle University

**Lightbend Scala Language Professional – Level 2**

Date Issued: Sep, 2020

**Lightbend Akka Streams for Scala Professional – Level 1**

Date Issued: Jun, 2020

**Reactive Architecture Professional**

Date Issued: May, 2019

**EDUCATION**

M.S. in Computer Science, Governors State University, Chicago, IL, USA, GPA: 3.9 **December 2016**

B.S. in Information Technology, JNTU University, Hyderabad, India, GPA: 3.5 **May 2013**