**Gandhi Karimi**

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**Professional Summary**

* Senior Software Developer with nearly 7 years of experience in software design, development, implementation, and software engineering which also includes integration, maintenance, and testing of various client/server, and web applications.
* Hands-on experience in **designing** and **developing** distributed and multithreaded applications with **technologies** such as core and advanced **Java** **technologies JAVA, J2EE, EJB, JSP, Servlets, Java Script, jQuery, Oracle, Web Services, Struts, Spring, Hibernate, Ant, HTML, JDBC, JNDI, Junit,** and **XML**-related **technologies**.
* Extensive experience with **Application servers** and **Web servers** (**Oracle Web logic 10.3, Oracle OC4J, IBM Web Sphere 5.x, and Tomcat 5.x).** Good experience in writing complex **Oracle** **SQL queries**, and creating **PL/SQL stored procedures**, **functions**, **packages, performance tuning,** and **triggers.**
* Hands-on experience with working on **Angular 2/4/6/7,8, React.JS, Node JS, jQuery, CSS3, Bootstrap**.
* Expertise in Object-Oriented **Design** (**OOD)** & **Analysis** (**OOA)** based on **Unified Modeling Language** (**UML)** **architecture**. Experience in **developing Class**, **Sequence**, and **flow diagrams** using **Smart Draw UML** and **Star UML**.
* Strong hands-on experience in implementing Design patterns like **MVC, Singleton, Data Access Object, DTO, Service Façade, Delegate, and Factory.** Having experience with **Configuration Management** **tools** like **GIT** and Perforce**.**
* Experience in **AGILE & Waterfall** methodology of **software development.** Good leadership, **interpersonal skills**, commitment, result-oriented, hard-working with a **quest** and **zeal** to learn new **technologies** and undertake challenging tasks.
* Worked with the design and development of robust and highly scalable Web Service platforms and **APIs** based on **REST** and **SOAP** for enterprise applications using WSDL, XML, JAX-WS, JAX-RS, JAXB, technologies, and Jersey frameworks.
* Hands-on experience in developing the Single Page Applications using Angular, and Typescript.
* Proficient in developing**J2EE**enterpriseapplications in**Service Oriented Architecture**and **Micro Service Architecture.**
* Experienced in building **Web Services** for Service Oriented Architecture (**SOA**).
* Proficient with build automation tools like **Gradle, Maven**and **Ant** for builds and deployments to different environments.
* Involved in Architecture and design for data aggregation solutions to semi-conductor customers across globe for aggregation, verification, and revenue maximization tasks for the customer.
* Established Continuous Integration (CI) practices and standards in creating APIs with Jira, and Jenkins.
* Supervised a team of Software Developers and testers in building an application that is responsible for monitoring the product release based on the checkpoints mentioned by the customer and change requests.
* Redesigned, refactored, and optimized the company’s (Model N) product and built the mobile applications for Android and IOS using **React-native.**
* Experience in **UNIX/LINUX** Shell Scripting and Deployment of Applications in Server.
* Hands-on experience on Selenium Junit PageObject Model Framework.
* Have a good understanding and applicability of Apache Kafka.
* Good understanding of Business workflow, Business logic, and Business methods for further implementation of user requirements in a distributed application environment.
* Ability to handle multiple tasks and work independently as well as in a team.

**TECHNICAL SKILLS**

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| **Languages** | Java 1.8, J2EE, Python, C, C++, PL/SQL |
| **Enterprise Java** | Java, J2EE, JDBC, Servlets, JSP, EJB, Spring and JSTL |
| **Web/XML Technologies** | HTML, JavaScript, CSS, XML, XSD, jQuery, JSON, ReactJS, Angular 8 |
| **Tools & Framework** | Hibernate, Spring MVC, ANT, Maven, Log4J, SOA, JSP reports, SOAP UI, Spring Boot, Spring Webflux |
| **Web/App Servers** | IBM Web Sphere, Apache Tomcat 9.X, JBoss, WebLogic, Apache Kafka, Kubernetes |
| **Database** | Oracle 11g, Oracle 12c, MySQL server, MS SQL, MongoDB and Cassandra |
| **Development Tools** | Eclipse, IntelliJ Idea, Spring Tool Suite (STS), NetBeans |
| **Version Control** | Perforce, GIT, GitHub |
| **Platforms** | Windows, Linux, MacOS |

**PROFESSIONAL EXPERIENCE**

**Citizens Bank (Infosys) August 2022 – July 2023**

**Sr. Software Developer (Technology Lead)**

**Description:** Developing microservices for account management modules.

**Responsibilities**:

* Responsible for creating efficient design and developing User Interaction screens using Angular

and Type Script framework

* Used Spring Core Annotations for Dependency Injection Spring DI and Spring MVC for REST API s

and Spring Boot for Micro-Services.

* Experience with Software Development methodologies like Agile/Scrum and Involved in business

requirements and creating the Jira tickets for user stories.

* Support Production Issues and fix them accordingly.
* Working on setting up OCP pods, configMap, services and events related to the microservices.
* Working on writing the Kubernetes YAML manifests to automate the application deployment and management on OCP.
* Implemented message acknowledgment, routing, and exchange mechanisms using RabbitMQ features.
* Integrated RabbitMQ with other systems, such as databases and microservices, to enable seamless communication.
* Implemented message routing, filtering, and transformations using Kafka Streams.
* Working on creating multiple microservices in node.js and deploying the application in the OCP

**Environment:** Java8, Spring Boot, Microservices, Angular, typescript, AWS, node.js, Kubernetes, OCP, RabbitMQ, Kafka**.**

**Capital One June 2021 – June 2022**

**Sr. Software Developer**

**Description:** Development of APIs and enhancements for replicating an existing third-party application to be a native capital-one application

**Responsibilities:**

* Create different APIs in python for reading the data from AWS S3 and performing analysis as well as other computations necessary for the implementation of the application.
* Work collaboratively with product designers, product managers, and quality engineers to deliver innovative new solutions in developing the application.
* Strive for continuous improvement of the User experience.
* Deploying the application with the help of Jenkins (Continuous Delivery) with the usage of Docker containers.
* Implement user front end using React Js and Node.
* Worked on AWS EC2 and AWS Lambda as a service on the cloud for the developed application to run and the results are to be shared with the business teams for further evaluation.
* Worked on several microservices as part of the client requirements when implementing new features.
* Worked in a modern cloud environment (AWS) with demonstrated exposure to AWS tools, services, and integrations.
* Worked on some Angular and typescript modules for making the UI changes on the platform development repos.
* Debugging different microservices using the Grafana and Kafka logs.

**Environment:** Python, AWS S3, AWS EC2, AWS Lambda, Databases (PostgreSQL, MongoDB, Oracle), Microservices architectures, RabbitMQ, Kafka, Grafana, Docker, Kubernetes, Angular, React.

**American Express (Atos Syntel) Sept 2020 – May 2021**

**Engineer – III (Software Developer)**

**Description:** Development of APIs responsible for managing the Global Merchant Payment process for different customers all over the world.

**Responsibilities:**

* Involved in Various Stages of Software Development Life Cycle (SDLC) deliverables of the project using the AGILE Software development methodology.
* Involved in Daily Scrum meetings, Sprint planning and estimation the tasks for the user stories and participated in retrospective and presenting Demo at end of the sprint.
* Developing Spring Boot Applications for running nightly jobs for different processes using Spring MVC and REST API.
* Using spring config server for centralized configuration and Splunk for centralized logging. Using XL Release and Jenkins for Microservices deployment.
* Using **Spring Dependency Injection, annotations** and **Spring MVC** components to implement business layer and navigation part of the application.
* Building maven applications, building and deploying them into various Linux server machines using Jenkins.
* Developing Custom logic based on customer requirement.
* Building APIs using REST for different transactional processes.
* Working on Sev1 and Sev2 production issues when occurs.
* Have done DB upgrades as part of migrating the application.

**Environment:** Java 1.8, J2EE, Spring framework, Spring Boot, Maven, BitBucket, Github, Cassandra, Web Services, XML, XSLT, Jboss, Restful Web Services using Micro services architecture, Oracle11g, SQL, PL/SQL, STS, Eclipse, IntelliJ Idea, SQL Developer, Confluence, Service now, Citrix Application, Jenkins, XL Release.

**Georgia State University, Atlanta, Georgia Jan 2019 – July 2020**

**Software Developer**

**Description:** Development of various web applications required for the office of International Initiatives to support its International Partnerships and Agreements Unit. There are multiple projects worked from scratch.

**Project**s: International Partnerships and Agreements Application, FIPE 2.0, Faculty Rating Application, and Online Faculty Profile.

**Responsibilities:**

* Providing technical solutions for the Applications and designed the architecture for the Java applications with MS Access Database.
* Providing an end-to-end project for peer communication using Java, MS Access and provided Single Sign-on capability to the application using OpenID connect.
* Implemented the critical functionalities using Java and Oracle packages & stored procedures. Developed UNIX based scripts to apply database scripts on beta, QA and production servers. Performance tuning of SQL.
* Involved in the database design for release and development. Participate on daily Sprint standup calls to update the accomplished and commitment tasks. Design and Developed common frameworks to execute SQL queries.
* Analyzing and solving performance, transactional, Multithreading and Java memory issues. Leading a development team; assigning Tasks, designing modules, reviewing other developer’s code. Also making sure any functionality is not impacting any existing business.
* Used Amazon web services for storage and sentimental analysis of an application for tracking the rating associated with the Faculty rating.
* Used Amazon EC2 console for installing and deploying applications.
* Requirement understanding of Sprint tasks with help of Business Analyst. Creation of Class and UML diagrams using SmartDraw and StarUML for all modules. Responsible for design, development and implementation of modules.
* Implemented RESTful Microservices for FIPE project to notify the faculty about the availability of the slots in the particular occasion such as Seminars, Presentations etc.
* Used Kafka to communicate with controller and used service layer to implement the business logic.
* Kubernetes was used as the best ecosystem to deploy and manage Microservices.
* Used Kubernetes to logging and maintain the health metrics of the IPA application.
* Hands on experience on creating services as classes in typescript importing the components in Angular 8.
* Used **Angular 8** to create views to hook up models to the DOM and synchronize data with server as **Single Page Application (SPA).**
* Used ts-angular-jsonapi for maintaining client-side implementation of the OFP Application.
* Developed the Faculty Rating application using Spring Boot, Webflux and used the REST APIs for retrieving the faculty information from the Database.
* Modifying existing software to correct errors, to adapt it to new hardware, or to upgrade interfaces and improve performance.
* Develop Java based services using Java1.6, 1.7 & 1.8, J2EE, EJB, Java Beans and MVC framework.

**Environment:** Java1.6/1.7/1.8, J2EE, Spring framework, Spring Boot, Angular 8, Webflux, JSP, JavaScript, Ajax, Github, Apache Kafka, Kubernetes, Web Services, XML, XSLT, Weblogic10.3, AW. S, EC2, SOAP Services and Restful Web Services using Microservices architecture, Oracle11g, SQL, PL/SQL, jQuery, SmartDraw, Eclipse, IntelliJ Idea, SQL Developer, Visual Studio.

**Model N India Software Pvt. Ltd. Feb 2016 – Dec 2018**

**Member of Technical Staff (Developer)**

**Description:** Model N is the leader in revenue management solutions. Driving mission-critical business processes such as configure, price and quote (CPQ), contract and rebate management, business intelligence, and regulatory compliance, Model N solutions transform the revenue lifecycle from a series of disjointed operations into a strategic end-to-end process. With deep industry expertise, Model N supports the complex business needs of the world’s leading brands in pharmaceutical, medical device, high-tech manufacturing, and semiconductor across more than 100 countries, including Johnson & Johnson, AstraZeneca, Novartis, Microchip Technology and ON Semiconductor.

**Projects:** High Tech revenue, ACT framework, SQIN scripts, Issue tracking system, Performance KPIs

**Responsibilities:**

* Participated in end-to-end development and involved in all phases of a product life cycle, right from requirement analysis to system study, design, planning, coding, unit testing, debugging, UAT and have good knowledge on the agile methodology.
* Worked on integration of SQIN framework, which involves web services (WSDL) as well, with the RCSE (Revenue cloud for Semiconductors) app using tools like JENKINS and MAVEN. Also developed the library files to support ACT development.
* Design, build or maintain web sites, using authoring or scripting languages, content creation tools, management tools using Java, JavaScript and React.Js.
* Worked on the mobile application using react-native for the existing company product for both IOS and Android devices.
* Worked on Go-Lives for different customers. Participated in fixing the issues that are occurred during the release phase and UAT.
* Worked on performance evaluation for all the seasonal releases before releasing the product to ensure the release of bug free product to the customer.
* Used Microservices to ensure the scalability of application on cloud infrastructure. Implemented a Continuous Delivery pipeline with Jenkins and AWS.
* Deployed Spring Boot based Micro Services application using Docker container in Amazon EC2.
* Implemented REST Microservices using spring boot. Generated Metrics with method level granularity and Persistence using Spring AOP and Spring Actuator.
* Used spring config server for centralized configuration and Splunk for centralized logging. Used Jenkins for Microservices deployment.
* Used Spring MVC components to implement business layer and Spring Boot for Microservices.
* Utilized Spring core, AOP and security to build robust business operations with transactional support.
* Worked with IDE as Eclipse Indigo and deployed into Apache Tomcat Web Server & used Maven build tool to achieve more functionality for build process.
* Developed the data access classes using JDBC and SQL query log4j for logging and SVN for version control.
* Worked on RESTful Web services as well as Node Rest framework for backend services used Mongo DB (NoSQL) for database services and RESTful web services using Jersey for JAX-RS implementation.
* Worked for a project on “Web Interface for SQIN Script Configuration” where I developed SQIN Web Application from requirements gathering to Production including front end, backend, production and maintenance using MEAN stack web development technologies. Technologies used in this project are MongoDB, Angular JS, Restful Web Services.

**Environment:** Java1.6/1.7/1.8, J2EE, ReactJS, JSP, JavaScript, Ajax, GitHub, Git, Web Services, XML, XSLT, Weblogic10.3, Micro Service Architecture, AWS, EC2, Apache Tomcat 9.X, Oracle11g, Oracle 12c, SQL, PL/SQL, jQuery, Mongo DB, Selenium, Eclipse, IntelliJ Idea, SQL Developer, Visual Studio.

**ACCOMPLISHMENTS**

* Completed Oracle Java Certification, acquiring 90%
* One among the two students from our University who got selected for the Sixth Science Conclave, a congregation of Nobel Laureates and Eminent Scientists which is held at IIIT-Allahabad

**EDUCATION**

**Georgia State University Atlanta, Georgia**

**Master of Science in Computer Science (MS) (**August 2020**)**

**Courses:** Fundamentals of Data Science, Big Data Programming, Advanced Software Engineering, Advanced Operating Systems, Mobile App Development, Deep Learning, Data Security

Note: I can also go for face-to-face interview if the client requires. I can relocate to anywhere in the USA.