MARIA DEEPAK MARINENI

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SENIOR JAVA ENGINEER

PROFILE HIGHLIGHTS

Technical skills

- **Java**

  Core java, J2EE, Spring, Spring Boot, JPA, RabbitMQ, Hibernate, Junit, Devops.

- **Web Technologies**

  Angular6, material, Html, Java Script, CSS, Json, Xml.

- **Servers**

  Tomcat, Jboss, nginx

- **Web Methods Integration Server**

  Software AG

- **Version Control**

  Git Lab, SVN.

- **Dependency Repository**

  Artifactory

- **Build Tools**

  Maven, Ant

- **Continuous Integration**

  GITLAB, Jenkins

- **Database**

  Oracle, MYSQL, DB2, SQL Server

- **Tools**

  Elastic Search, Sonar Qube, UML

- **Operating systems**

  Windows, Linux

- **Tools**

⇨ **A Senior Java developer** with a background that spans 9**+ years** in the information technology industry with an expertise in all phases of the development cycle.

⇨ An exceptional Team Player, who is able to make significant contribution and even motivate others to achieve their respective targets, can demonstrate a strong ability to execute projects from requirement analysis through to successful delivery.

⇨ Well versed in working with agile methodology.

⇨ A well organized and a detail driven individual with outstanding communication skills and proven successful interfacing with both customers and across teams.

⇨ Strong Design, Development and Deployment skills in **Java, J2EE, Spring, Spring Boot, JPA, Hibernate, Angular, JSF, JDBC, Web Services (SOAP, RESTful).**

⇨ Extensive experience with Different Application servers like **JBoss.**

⇨ Hands on Experience on **Spring MVC**.

⇨ Hands on Experience in developing **Restful Webservice using Spring Boot**.

⇨ Hands on experience on UI technologies like **HTML, CSS, JavaScript** and **Angular**.

⇨ Experience on API management using **NGINX Plus**

⇨ Expert in using version control tools such as such as **SVN** and **GIT**.

⇨ Experienced in writing and implementing unit test cases using **Junit and Mockito.**

⇨ Good knowledge in using **Elastic Search** Platforms.

⇨ Good knowledge and certified in using Integration platforms like **SoftwareAG WebMethods, FlowGear**.

⇨ Experience in CI (**Continuous Integration**) and CD (**Continuous Deployment**) pipelines with **GitLab, Jenkins**.

⇨ Monitored Disk Space availability, CPU Utilization, Memory and Application utilization status of VM's using **dynatrace, Nagios Tool.**

⇨ Experience in creating **Docker Containers** leveraging existing Linux Containers and addition to creating **Docker Containers** from scratch.

⇨ Experienced in working at client location.

⇨ Ability to work in a dynamic, deadline-oriented environment.

⇨ **Holding South Africa Permanent Residence Permit.**

⇨ **Oracle certified Professional, Java SE 8 Programmer**

⇨ **NUCLEUS-IT, JOHANNESBURG, SOUTH AFRICA.**

Java Team Lead Developer (March 2019 to Till Date)

Key Projects

Title: OMNI- Channel
Client: African Bank, South Africa.

Duration: March 2019 – Till Date;

Position: Java Team Lead Developer;

Key Areas: Java, J2EE, Springboot, Software AG, JDBC, REST Web Services, RabbitMQ, Junit, SonarQube, nginx API
management, Java Script, Git Lab, DB2, Wild Fly Jboss, Docker Swarm, Docker containers, CI/CD using GITLAB.

Description: African Bank is currently enhancing its services in offering a unique, uniform and consistent client experience enhanced by strong partner value propositions. African Bank's bank-end services and processes must be consistently monitored and maintained in ensuring a consistent experience for our client and client-facing staff. African Bank aims to deliver this client offering by implementing the OMNI-channel strategy, which will provide the platform for multiple channels, seamless continuity and campaigns.

Roles & Responsibilities:

▪ Participated in all phases of the **Agile Methodology** including technical requirements gathering, design, development and unit testing, Deployments.
▪ Coordinate with business analyst and application architect to maintain knowledge on all functional requirementsand ensure compliance to all architecture standards.
▪ Coordinate with product owner to prepare timeframe for new features/enhancements/bug fixes and setup prioritylevels of issues/defects.
▪ Involved in developing Web Application Environment Using **Spring boot, Micro Services** for J2EE web application.
▪ Involved in Development Web Services using **Restful Services.**
▪ Used Microsoft TFS Tool for bug tracking and projectmanagement.
▪ Used extensive Rest API calls for calling the rest services and storing the data.
▪ Created self-contained, reusable, and testable modules and components for the Application.
▪ Involved in **CI/CD** pipelines using **GITLAB**.
▪ **Following Standard Tasks Performed on all Requirements**

  ▪ Problem breakdown into granular tasks
  ▪ API Design
  ▪ Code level design
  ▪ Update/Create a module /Create a service
    o Created database CRUD functionality
    o Created input/output documents relating to methods
    o created relevant entities
    o Added services/integrations if required
    o Implemented business rules, added validations.
    o Implemented Junit and integration tests.
    o Adhere to Jacoco and SonarQube.
▪ Updated integration server to consume newly created/updated service functionality
▪ Updated API documentation
▪ Involved in Docker Service creation and deployments.

⇨ **ARRIS, BANGALORE, INDIA.**

Sr Software Engineer (Mar 2018 –Mar 2019)

Key Projects

Title: CASMR-UI migration from flash to HTML

Client: Comcast, US.

Duration: Mar 2018 – Mar 2019;

Role: Angular Developer;

Key Areas: Angular 6, material, Typescript, CSS, SASS.

Description: CASMR is a modular software application that works in conjunction with DAC. Access control and provisioning is satisfied with combination of application CASMR, DAC and RADD going forward.

Legacy CASMR UI is based on Flash. As, Adobe is planning to EOL Flash and will stop updating and distributing the Flash Player at the end of 2020. Existing UI needs to be migrated from Flash to HTML5.

Roles & Responsibilities:

- Participated in all phases of the **Agile Methodology** including technical requirements gathering, design, development and unit testing, Deployments.
- Involved in developing UI of CASMR using Angular 6
- Implemented, tested and documented HTML, Typescript and SCSS
- Involved in making design and technical decisions for the project
- Used GIT for version controlling
- Used Jira Tool for issue tracking, bug tracking and projectmanagement.

Title: Set Top Box Simulator

Duration: **Oct 2016 – Feb 2018;**

Role: Java Developer**;**

Key Areas: Java, J2EE, spring, Hibernate, Web Services, Junit, Ajax, JQuery, MYSQL, Tomcat, CentOS, MVN, GIT, JIRA

Description: STB simulator responds back to the controller (DAC) on any actions preformed against terminals (STB's) defined in the DAC

Roles & Responsibilities:
- Participated in all phases of the **Agile Methodology** including technical requirements gathering, design, development and unit testing, Deployments.
- An individual contributor role in the enhancement and development of the DCT simulator
- Involved in development of new feature requests into the existing application.

Title: Digital Addressable Controller (DAC 6000 CAS)
Client: Comcast, Verizon.
Duration: Jan 2015 – Oct 2016;

Role: Java Developer**;**

Key Areas: Java, J2EE, Spring, Hibernate, JSF, XHTML, PostgreSQL, CSS, AJAX, JavaScript, Log4J2, SOAP, Restful Web Services, Maven, SLES, Shell scripting, GIT, JIRA.

Description: The DAC provides secured access control for digital video distribution systems. DAC provides Operatormanagement, Terminal (Set-top box) management, Security Management functionalities.
DAC is a signaling control entity in Cable Video network.

Roles & Responsibilities:
- An individual contributor role, involving in the development of new features, bug fixes and code refactoring
- Involved in engineering escalations in a timely manner through phone or email, analyzing issues, providing work-around solutions, follow-up, code fixes and patches as needed.
- Supporting continuous improvements.
- Review the code changes to make sure it meets project standard.
- Helped other developers to resolve the technical problems.
- Working on **MVC** architecture by using **spring** framework.
- fixing bugs and unit testing with test cases using **JUnit** framework
- Used **Log4j2** for application logging and debugging.
- Involve in Technology & Performance Optimization and Error Reduction Procedures.
- Involved in planning process of iterations under the **Agile Scrum** methodology.

Title: Data Mining Tool.
Client: Comcast, US
Duration: June 2014 – Dec 2014;

Role: Java Developer**;**

Key Areas: Java, spring, Log4J2, SLES, GIT, MVN, JIRA, eclipse.

Description: The Data Mining Tool is an interactive command line tool to explore and access the external CDIS interface on DAC. The DAC exposes a RESTful web services interface over HTTPS. Using this interface, one can obtain information on entities configured in the DAC such as sources, services, lineups, channel maps, OMs, SEMs, plants, etc.

Roles & Responsibilities:

- Involved in handling of the full life cycle of the project.
- Involved in developing a REST full webservice client that will perform web service calls on the DAC.
- Involved in develop, test, implement and maintaining the application software.

Title: DAC UI Automation Framework

Client: Comcast, US.

Duration: **Feb 2011-May 2014;**

Position: Developer**;**

Key Areas: Groovy, Grails, Selenium, Tomcat, Shell scripting, Centos, GIT, MVN, JIRA.

Description: The DAC provides secured access control for digital video distribution systems. DAC provides Operator management, Terminal (Set-top box) management, Security Management functionalities.

DAC is a signaling control entity in Cable Video network.

Roles and Responsibilities:

- An individual contributor role, involving in the development of test framework for DAC that can be used by test engineers.
- Involved in automation of SI&T and DVT test suite using Selenium RC and Selenium Web Driver.
- Involved in answering technical issues to resolve and follow up.
- Involved in product design to guarantee adherence of test coverage for meeting end user requirements.
- Involved in applying, designing and developing automated testing strategies and building automated test framework.
- Used GIT for version control and JIRA for bug tracking.

ACHIEVEMENTS

- Was awarded BRAVO (a yearly award given for performance beyond expectations) twice and Star Award twice for my contributions to SEM simulator and Test Automation software development.

- *ARRIS India Tech Day* **(2015)**: **Data Mining Using ElasticSearch ELK Stack**: The DAC supports several APIs and mechanisms to expose interesting data for clients. These include traditional web services, RESTful web services, SNMP, operational and debug log files, data files, reports in CSV and XML formats, and database. The operational and debug log files generated by the legacy tasks and the web UI carry a wealth of information for data analysis. The intent here is to use **Logstash** to process the logs and store it using **ElasticSearch**. **Kibana** to show interesting dashboards.

TRAININGS & CERTIFICATIONS

- Hadoop Administration from Skillspeed
- Scala Language from Thoughtworks
- GERMAN language level A1 from Goethe Institut Bangalore
- Flowgear iPaaS technical certification
- SoftwareAG Integration Essentials
- Oracle Certified Professional, Java SE 8 Programmer

URL: https://www.credly.com/badges/66230257-3919-4679-832e-354f00be599c

- Oracle Certified Associate, Java SE 8 Programmer

URL : https://www.credly.com/badges/c468b0a0-bc0e-488e-9214-b557be15dcba

- Certified ScrumMaster

URL: https://certification.scrumalliance.org/accounts/1231508-maria-deepak/certifications/1424190-csm

EDUCATION

- **M.E. (Computer Science) from Bangalore University**, Bangalore, Karnataka, India.