

NAGARJUN.N.M.

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Career Objective:

Over 7+ years of experience in java development working across multiple technologies and implementing of the projects for the same which has help me abreast of new technologies with the Industry Standards. Versatility in quickly adapting to new coding conventions is combined with a 'can-do' attitude. Adapted myself to work in a team or independently has applied a positive attitude to every project.

Technical Expertise		
Skills	Experience	Awareness
Languages/Technologies	Java-1.8, 11; SQL, JavaScript; JSP2; HTML5; CSS3;	Node js; R Programming; Python(v.3.3); Angular; Unix Scripting
Frameworks	SpringBoot; Spring; Spring Integration; Spring JDBC; Hibernate; JPA	Spring Security;
Messaging Infrastructure	Kafka, Artemis, Fiorano; Kafka Streams	Rabbit MQ; KSQL DB;
Architectural Styles	Event driven; Micro Service; Hexagonal	
Web Technologies	JNDI, JMS, Web-service (REST), Servlet, JSP, Quartz-Scheduler-2.1, EhCache; Spring Batch;	Ignite Cache; XML; JAX-RS; JAX-WS;
Software & Tools	Intellij Idea, Eclipse, VMware fusion; SOAPUI-v.5	Eclipse, RStudio; Anaconda; Spring Tool Suite
Database, S/W	Oracle-20 , IBM DB2 (AQT-v.8.1); MySQL-v.5.6 (workbench-v.6.3)	MongoDB-v5
Unit Testing	Junit, Mockito	Jmock
Acceptance/Integration Testing	Cucumber (Behavioral Driven Development)	Component Driven Development
OS	Windows 10; Ubuntu (For Administration)	Windows server 2008 R2; MAC OSX
Monitoring Tools	Grafana; Splunk; ELK Stack	
Build Tools	Maven-3.6; ANT-1.8.3; Ivy	Gradle
Other Tools	Zookeeper; PlantUML; Flyway;	Camel
Web Servers	Tomcat-8; WAS-8; Jetty-8.0.1	Wildfly-v.10.1.0
Project Tools-(Scrum)	Jira; Miro; Atlassian; HP's QC	Rally
Integration Tools	Bamboo V5; Jenkins; GitLab;	Quick Build-v.6.0.1
Versioning Tools	Git; Bitbucket; GitLab; SVN	ClearCase-v.8.0.1; ClearQuest-v.8.0.1
Code Review Tools	Sonar 5; FindBug	
API-Documentation Tool	Swagger Tool	
Functional Knowledge	Stock Trading Domain; Retail Banking	
Trainings Attended	Attend Great International Developers Summit (GIDS) every year. Attend couple of trainings/sessions on Technologies in O'reilly, Udemy, Linkedin learning.	

Responsibilities as an Employee	
Project/Team Coordination	Coordinate with project team, Supervise/lead as well as exchange knowledge. Adhere to agile methodologies using Scrum Project Tools , Group discussions.
Daily/ Weekly Activities	Attend daily status meeting with Team, Interact with the Team Managers and Architects, Create service endpoints and adopt Messaging Systems based on the new requirements, or issues as per Sprints iteration story plan. Attend Sprint grooming sessions, retrospective session, Story planning, UAT and Demo meetings.
Monthly Activities	Fill Work Timesheets, Client side status report- Client meeting, Attend trainings, Technical seminars. Bi-Weekly interaction with the Scrum master, Technical Managers, architects on the projects.
Others	Design and Develop application, Project documentations, R&D on new technologies, Set company yearly goals, Provide updates, defining the architectural tasks for the projects. Responsible for complete development of an applications from scratch till Production ready. Defining and developing the NFRs for the microservice apps.

Academic Profile:

Course	Year	Institution	Board	Aggregate
B.E.	2013	Atria Institute of Technology	VTU	75.52%
P.U.C	2009	Seshadripuram Composite PU College	PU Board	85.00%
SSLC	2007	Seshadripuram High School	Department of Secondary Education	85.54%

Work Experience

June'2018 – Till Present :- IG Infotech Pvt Ltd	
Project	Instrument Renovation Project
Environment	Kafka, Open Jdk 11, SpringBoot; Web services; IntelliJ, Oracle; Tomcat; Windows 10, Ubuntu, mockito, REST, Grafana, Bamboo Pipeline (CI/CD), Cucumber, Splunk, AppDynamics.
Role	Senior Software Engineer

Complete renovation of the existing Instrument Management Systems to cater the Instruments for trading. Building the new Microservice applications around the SAAS product, from scratch till making it production ready.

Responsible for:

- **Defining the architectural tasks** for the complete renovation project. Discussion and defining the schema to adhere to Industry standards.
- Responsible for complete **development of an applications from scratch till production ready**. Responsible for considering all the NFR's. Which includes **12 factor apps principles**. And other configuration of monitoring apps including **AppDynamics, Grafana, Bamboo (CI/CD Pipeline)**.

- Defining **SLA, SLO, and SLI**, Performing the **Chaos testing, Integration Testing (BDD)** etc. Focusing on observability of the apps by achieving the NFRs for the same.
- Vulnerabilities checks and code analyze using find bugs and fix bugs and Review of the Pull requests of the peers. Providing the Technical aid for migration of existing flows to new architecture.

June'2018 – Till Present :- IG Infotech Pvt Ltd	
Project	Enterprise Data Team
Environment	Kafka, Artemis, Fiorano, Java 8, SpringBoot; Web services; IntelliJ; Tomcat; Ubuntu, mockito, REST, Grafana, Bamboo Pipeline (CI/CD), Cucumber, Splunk, AppDynamics.
Role	Senior Software Engineer

Responsible for:

- **Worked on POC's to set the baseline performance of Kafka** depending on the needs of organization and setting the standards.
- Extensive work on Messaging Infrastructure and Development of applications using Java 8 and Spring Boot.
- **Migration of the Fiorano MQ to Artemis MQ and Kafka** for all the critical Dealing flows and non critical flows.
- **R&D on Artemis MQ and Kafka and its use cases in the IG application.** Providing the technical challenges to the Artemis Support team and getting the issues of Open source Software's fixed.
- Building Standalone applications for bridging Fiorano MQ to Artemis MQ which in-turn helps all the down stream applications to migrate at first and later to remove the existing flows.
- Responsible for entire development, testing and deployment of the applications to AWS post migration.
- **Developed Artemis and Kafka Libraries** which in-turn extensively used for migration of all the flows in different micro services.
- **Was part of the Architectural design** of Migration and prepared Architectural design Document, Technical Specifications Document, UML Diagrams.
- Developed and configured the **AVRO for Kafka support and AMQ broker**.

Sept'2016 – May'2018 :- SLK Software Services Pvt Ltd	
Project	Omni Channel Offers
Client	Fifth Third Bank
Environment	Spring-MVC; Batch; Web services; DB2-SQL; WAS8; Windows 7, Ubuntu, jmock, REST, JavaScript, Bootstrap, Spring Batch; Quick Build Tool, clearcase tool
Role	Senior Software Engineer

It's a multi-channel approach to Sales which avails offers to consumer's in-turn providing a customer with seamless experience of availing the Bank benefits either through online or offline with a total generic solution as a whole.

This Product is used by Bankers to create the Offers on various products available in the Bank to attract customers and thereby increase Sales. Solution includes Offer creation, Redemption, Fulfillment tracking and payout.

Responsible for:

- Configuration and development of the RESTful Web-Service Components.
- Development of the Batch component.
- Writing the bean classes, Service layers, Services calls in Web Services.
- Development of UI components (Templates) includes Bootstrap, JavaScript, JQuery, Angular and integration with the backend systems.

- Development of Admin tool for Projects related to Back-end (In case to address critical request like manual payout for elite customers, Lucky draw winners etc.)
- Implemented the different design patterns like, Spring MVC, Façade, Builder, Singleton.
- Prepared Architectural design Document, Technical Specifications Document, UML Diagrams.
- Developed a YAML documentation to share the channels for integration of the web services.
- Peer Reviews on the code.
- Vulnerabilities checks and code analyze using find bugs and fix bugs.
- Build Management-write ivy script for maintaining the centralized local repositories.

Jan'2014 – July'2016:- IGATE Global Solutions - Capgemini	
Project	LITE (Lightweight Integrated Test Environment)
Client	CHUB, IGATE Global Solutions Ltd Internal
Environment	Spring, Hibernate, JSF, Jersey Web services, Mysql, Tomcat, VMware Fusion, VirtualBox, ThinVNC, noVNC , Mac OSX, Windows 7, Ubuntu, Log4j, JAX-RS, REST, JSF
Role	Senior Software Engineer

LITE is a web based testing tool, to test web applications / web sites, to check compatibility across different browsers, on different versions and across different operating systems. Tester can actually test their web application on any specified combination of OS + Browser + Version. It is an automated test, in which screen shots are captured and sent to the tester via email, for a specific URL and combination of various browsers and versions.

Responsible for:

- R&D on VMware fusion on MAC OSX, ThinVNC, noVNC
- Followed design pattern like Strategy, MVC, Façade, DAO, Factory Design patterns etc.
- Writing Backing Beans Classes, Domain Classes, Service Classes, Restfull services (Jersey).
- Designed the Core project structure.
- Wrote initial configuration files – Application Context xml , persistence xml, database properties files.
- Integrated Spring, Hibernate.
- Introduced i18n Internationalization and theme concepts.
- LDAP integration, SSL certificate generation - run application on https, add security features
- Prepare Architectural design document, User Manual, ER model, UML diagrams etc
- Been a part of the COE team for implementation of the project.
- Developed and designed code with the Mysql as backend using the Spring MVC.
- Configure tomcat and handle deployment.
- Application maintenance and take new requirements
- Bug fixings and do admin tasks through application UI.

Other Activities & Hobbies:

- Frequently solve practice problems and competitions in Hacker rank, Hacker earth, Techgig etc and keeping myself as a technology geek.
- Interested in Open source projects. Learn new Programming languages like R, Python, etc.
- Attend various technical seminars and webinars.
- Given couple of Training on Java basics for Trainees in the team.

Achievements:

Participated in State level yoga competition in the year 2005 and secured 1st place.

Personal Data:

Name	Nagarjun N M
Date of Birth	18.05.1991
Gender	Male
Nationality	Indian
Marital Status	Married
Linkedin Profile	https://www.linkedin.com/in/nagarjun-n-m-480b4063/
Website	https://nagarjunmallikarjuna.github.io/
Alternate Email	nagarjun.mallikarjuna@outlook.com ; nagarjun.mallikarjuna@gmail.com ;
Interests	Gaming, Enjoy Travel, sports, music, watching TV shows
Address	#1249, 3 rd cross west, 1 st main, L.N.Colony, Yeshwantpur, Bangalore – 560022.

I hereby declare that the above written particulars are true to the best of my knowledge.

Regards,

Nagarjun N M