# Summary

**Venkat Guntupalli**

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Highly motivated Software professional with 13+ years of experience in Analysis, Design and Development of enterprise wide, multi-tier applications. Equipped with Project Management skills like performing planning, managing risk, tracking progress of project delivery, ensuring client satisfaction and Technical Architect skills to design, implement and maintain Secure, Robust and Scalable Enterprise level Applications using latest cutting edge Cloud technologies and Java ecosystem for various industries. Strong leadership and architecture experience in multiple domains – Electronic Payments, Digital Transformation, Cloud Native.

# Skills

* Core Java including Java 8 features like Lambda, Stream API.
* Strong understanding of Object Oriented Programming, Data Structures and Algorithms.
* Microservices to achieve Robust, Scalable and Secure Enterprise applications, Design Patterns & SOA ( Service Oriented Architecture )
* Spring, Spring Boot, JPA (Hibernate), AppDynamics, Splunk, Prometheus, Datadog
* Azure, PCF, OCI - Cloud Technologies : Serverless (Functions), Service Bus, Docker, Kubernetes, Topics, Object storage, Spring cloud Stream, S3, MongoDB, CosmosDB, Helm, Terraform
* Kafka Messaging services: Broker, Partitions, Topics, Producers, Consumers, Zookeeper
* Angular 9, NgInx, RxJs, Type Script, NPM, NodeJs, HTML5, CSS3, Bootstrap, Karma, Jasmin, codelyzer, eslint, sass
* GIT, GitHub, Jenkins, SVN, Perforce, Maven, Ant
* SOAP UI, Postman
* Eclipse, STS, NetBeans, TOAD, XMlSpy, Notepad++
* Sharepoint, Google Doc, Confluence
* Tomcat, WebSphere, Weblogic, JRun
* Oracle, MySql, DB2
* JUnit, TestNG, FindBug, Sonar
* IBM Thread and Monitor Dump Analyzer for Java (TMDA)
* IBM MQSeries, Rabbit MQ
* SQL, Stored Procedure, Triggers, Views
* Shell Scripting, Windows, Linux, Unix

# Experience

**Lead Consultant** | 11/2022 – Current **Millennium Global Technologies Client – 84.51 Kroger – Cincinnati, OH**

**Environment**

Azure Service Bus, Docker, Kubernetes, Topics, Object storage, Spring cloud Stream, S3, MongoDB, CosmosDB, Helm, Terraform, Java 8, Micro services, Spring Core, Spring cloud, Spring Boot, Spring Cloud Config, Actuator, Vault, API Gateway Management with Zuul, Mapstruct, oAuth2, Spring cloud Stream, Kafka Messaging Broker, Partitions, Topics, Producers, Consumers, Zookeeper, Angular 9, NgInx, RxJs, Type Script, SLF4J, Gradle, JUnit, Visual studio code, IntelliJ IDEA, GIT, PMD, FidBugs, Jacoco, MockITo, Cloud Bee Jenkins, GitHub Actions, Helm deploy,

**Responsibilities**

* + Built solution scalable to multi-channel, multi creative Ad campaigns with long–term vision to target audience by improve operating efficiency and speed to market
	+ Built common solutions like cloud config server, security, logging, exception handling using Spring Cloud, Spring Boot adhering to Twelve-Factor App methodology
	+ Built Kafka use case to apply audience recommendations or sizing to target audiences for Ad campaigns
	+ Extensively used Kafka best practices in setting up Broker, Partitions, Topic Availability, Idempotent Producer, Producer Retries, Acknowledgements, Message Compression, Consumer Groups and Partition Rebalance strategies, Consumer Offset
	+ Identify bottleneck in the system, propose solution by executing POC (Proof of Concept) resulting boost in revenue, performance improvement and cost saving.
	+ Address various Security incidents like recent one - Apache Log4j Vulnerability.
	+ Analyze and Resolve incidents (ServiceNow)/Defects (ALM and JIRA) using various tools like Splunk (Splunk Dashboards), AppDynamics for environments Develop, QA , Performance and Production.
	+ Strong understanding of Enterprise level Coding Standard and implementation of the same through Coding to the Interface, Code Reusability, Design Pattens, CheckStyle, FindBug, SonarQube.
	+ Participate in Requirement Analysis. Co-ordinate with the Issue Reporter/Business Analyst/Product Owner for gathering requirements of new CRs (Change Request), Design Solution (UML) ,documentation using tools like Confluence and Sharepoint, and getting sign-off of proposed solution.
	+ Perform active monitoring of critical applications using Splunk Business Alerts and AppDynamics.
	+ Effective management of production and non-prod environments through automation like Postman, JMeter, Slack integration and processes like on-call scheduling, incident management.
	+ Drive to build automation processes using SOAP UI, Postman to detect issues proactively and resolve itASAP, improving efficiency of release cycle.
	+ Executed multiple Capital Projects. For example : Breaking Monolithic XML based Java applications into multiple Microservices using Spring and Restful APIs. Building Jenkins pipeline for CICD and promoting deployment seamless into QA, Performance and PROD environments. Migration of applications from On- Prem servers into Azure
	+ Manage and Mentor team of Developers, Business Analysts and Release coordinators located multiple geo locations. Motivate team and promote collaborative environment.
	+ Conduct Knowledge sharing session for the team. Drive Scrum call daily with team to make sure necessary help provided them, progress has been monitored, and appropriate action been initiated in case of any blockers.

**SENIOR SOFTWARE ENGINEER** | 08/2019 - 10/2022

**Millennium Global Technologies**

**Client - Tractor Supply Co – Brentwood, TN**

**Environment**

Oracle Cloud Infrastructure, Docker, Kubernetes, Angular 9, NgInx, RxJs, Type Script, NPM, NodeJs, HTML5, CSS3, Bootstrap, Karma,

Jasmin, codelyzer, eslint, sass, Java 8, Micro services, Spring Core, Spring cloud, Spring Boot, Spring Cloud Config, Eureka, Hystrix, Feign, Actuator, Vault, API Gateway Management with Zuul, Spring JPA, JSON, XML, XSD, JAXB, JAX-WS Web Services, Persistence Frame Works, Java Messaging Service (JMS by using MDB), SLF4J, Gradle, JUnit, Oracle 19c, Visio, Visual studio code, Spring STS, GIT, PMD, FidBugs, Jacoco, MockITo, PowerMock, EasyMock, Cloud Bee Jenkins, uDeploy, Jenkins

**Responsibilities**

* + - Collaborated with architects to establish baseline setups for new applications.
		- Created projects using NPM and Node.js, ensuring all dependencies are Open Source approved.
		- Designed and develop common core components, functionalities, services, and directives.
		- Designed Swagger contracts for microservices adhering to the OpenAPI 3.0 standards.
		- Built common solutions using Spring Cloud, Spring Boot, and other cloud-based tools adopted by internal client applications.
		- Implemented Circuit breakers using Resilience4J for microservices.
		- Designed and implement microservices following the twelve-factor app design methodology.
		- Implemented Spring AOP for exception handling and loggers in microservices.
		- Coordinated with the admin team to configure proxies, SSL, and load balancers.
		- Configured Jenkins pipelines for continuous integration and continuous deployment.
		- Collaborated closely with the business to resolve prioritized initiatives.
		- Provided guidance to resolve impediments raised in daily scrum meetings.
		- Took leadership and initiative in coordinating system requirements, program specifications, and code/unit test activities for significant projects.
		- Worked closely with the business and marketing teams to improve customer experience by incorporating business needs into IT design.
		- Led the development of deliverables for additional levels of testing, including system-level and integration-level testing.
		- Mentored junior developers in their professional development.
		- Created and manage JIRA tickets, updating the progress of feature development regularly.

**FULL STACK DESIGNER/DEVELOPER** | 06/2016 - 07/2019

**Wipro**

**Client - Tractor Supply Co – Brentwood, TN**

**Environment**

Spring Boot, Spring Cloud Config, J2SDK 1.8, ICE Faces, SOA architecture, Java script, Spring Framework, XML, XSD, JAX-WS Web Services, Persistence Frame Works, Gradle, JUnit, EJB, JDBC, WebLogic Application Server 12, Oracle 11g SQL, PL/SQL, Visio, Eclipse and Subversion, PMD, EMMA, Hudson, QTP, CA LISA

**Responsibilities**

* + Developed high-level design and detailed design deliverables, including designs for technical architecture and systems interfaces to meet business requirements/specifications.
	+ Contributed to deliverables for additional levels of testing and supported test execution, including system-level and integration tests.
	+ Implemented Test-Driven Development (TDD) practices and developed new REST interfaces while migrating existing SOAP services to REST services.
	+ Built common solutions using Spring Cloud, Spring Boot, and other cloud-based tools adopted by internal client applications.
	+ Implemented Circuit breakers using Resilience4J for microservices to enhance system resilience.
	+ Designed and built microservices following the twelve-factor app design methodology.
	+ Implemented Spring AOP for exception handling and logging in microservices.
	+ Provided leadership and initiative in coordinating system requirements, program specifications, and code/unit test activities to meet business requirements/specifications for significant projects.
	+ Collaborated closely with Order Management Systems and Warehouse Management Systems to resolve environmental issues impacting customers.
	+ Worked with analytics profiles in EI to set up analytics for analyzing mediation stats.
	+ Collaborated with eCommerce teams to standardize the Payment Gateway across the enterprise to Retail Commerce Server and ACI Worldwide.
	+ Incorporated changes to the authorization process to support store-specific sales authorization and settlement, as well as authorization on release for project requirements.
	+ Monitored system environments proactively for expiring certificates on the Integration boxes and installed new

certificates as needed.

* + Created and managed JIRA tickets, updating the progress of feature development regularly.
	+ Attended daily stand-up meetings with cross-functional teams to provide updates on development and integration testing status.

**FULL STACK JAVA DEVELOPER** | 08/2013 - 05/2016

**Wipro**

**Client – FedEx Service Collierville, TN**

**Environment**

J2SDK 1.8, JSP, Servlets, Java Beans, AJAX, Java Messaging Service (JMS by using MDB), EJB, JDBC, FTP, SFTP, Spring Framework, XML, XSD, JAX-WS Web Services, Persistence Frame Works, ANT, JUnit, K-Shell Programming, WebLogic Application Server 8.1/9.2/10.3/12, iText, Oracle 9i/10g SQL, PL/SQL, FTP Server, Mail Server, Sun Solaris 9.x, Linux 5.3, $U Scheduling Tool, Visio, Eclipse and Subversion, PMD, EMMA, Hudson, QTP, CA LISA

**Responsibilities**

* + Provided leadership and initiative in the overall coordination of system requirements, program specifications, and code/unit test activities to meet business requirements/specifications for significant projects.
	+ Led critical projects by providing leadership and creating high-level designs.
	+ Wrote detailed design documents, class diagrams, and sequence diagrams.
	+ Collaborated closely with the business team to improve customer experience by incorporating business needs into IT design.
	+ Provided leadership and initiative in the development of deliverables for additional levels of testing, including system-level and integration-level testing.
	+ Mentored developers in less senior positions, fostering their professional development.
	+ Developed new web modules, provided production support, and maintained existing web modules such as Payments, Manage Users, and Search & Downloads.
	+ Led or assisted in the resolution of complex production problems.
	+ Assisted in setting up data and resolving issues identified in performance tests, optimizing the application's performance by optimizing service calls.
	+ Provided production support for existing web and batch environment applications.
	+ Managed the build-out of WebLogic 12.x instances, built configurations, stop/startup scripts, and clusters in highly available and fault-tolerant environments.

**JAVA DEVELOPER** | 06/2010 - 05/2013

**Wipro**

**Client - Medavie Blue Cross**

**Environment**

Java, Web Services JAX\_WS, Spring, Hibernate, RESTful Web services, JAXB, WSDL, SOAP, EJB, JMS, Dozer, JTest, Easy Mock, Tortoise SVN, PMD Check style and Cobertura, Oracle 10g, Net beans IDE, Glass Fish Application Server, Maven, Rational Software Architect

**Responsibilities**

* + Delivered quality solutions for both new and existing applications of varying complexity and scope while adhering to software development best practices.
	+ Implemented Collaboration View in Service Collaboration View for each service offering.
	+ Created Sequence Diagrams for all contracts, VOPC Class Diagrams, and DTO Class Diagrams for every service offering in Service Realization View.
	+ Established new project structures for every service and verified WSDLs against services, generating XSDs from the SDO Design artifacts.
	+ Configured required Factory Beans, Normal Beans, and Interceptors such as Advisors in Spring frameworks.
	+ Developed services with Hibernate code, including Data Access Objects (DAO) with Dozer mapping to convert Service Data Objects (SDO) to Data Transfer Objects (DTO).
	+ Developed Listener Services using JMS bindings to transform one schema to another schema.
	+ Supported UI team during integration with services, ensuring smooth collaboration and functionality.
	+ Created and executed unit test cases to test functionality, utilizing EasyMock for mocking inter-service calls.
	+ Trained incoming team members and provided assistance in research, design, and development of product features.
	+ Successfully executed system development projects with a consistently positive track record, meeting requirements on time, within budget, and adhering to compliance and quality controls.

# Education

**Master's in Computer Science - Birla institute of technology and science**

05/2010

# CERTIFICATIONS

**Oracle Cloud Infrastructure 2021 Certified Architect Professional Spring Source 2.5**