


MADAN GOPAL KUCHIMANCHI

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Austin, Texas

JAVA TECHNICAL LEAD/ARCHITECT

Education: **BONAM VENKATA CHALAMAYYA ENGINEERING COLLEGE (JNTU)**

Bachelor of Technology Computer Science and Engineering (Apr 2003)

CAREER OBJECTIVE

Hard-working professional with 14+ years of experience and a proven knowledge of application development, web platform development, and programming. Aiming to leverage my skills to successfully fill the Java Technical Lead/Architect role at your company.

PROFESSIONAL EXPERIENCE

**Spring6 Spring Boot Cloud Foundry Microservices and NoSQL databases,
Restful and SOAP based web services.**

Good knowledge in Design Patterns such as Experience in various open source frameworks like **Struts, Spring, Spring MVC, Spring Batch Scheduler, JSF, Velocity** and ORM Technology like **Hibernate and JPA**.

Experience in developing reusable components for cross cutting concerns / like **Logging, Build management, Transaction management**, and Testing framework using **Log4j, Ant, Maven, Gradle** and **JUnit** to increase productivity, easy maintenance and to retain software quality.

Experience in installation and configuration of various **Continuous Integration** (CI) tools **Jenkins** and **Bamboo** for the build, deploy and cruise control.

Managed **Docker orchestration and Docker containerization** using **Kubernetes**.

Implementation on messaging technologies such as **Tibco**, **JMS**, **IBM MQ** and **RabbitMQ**.

Significant development experience in **Unix/Linux** environment.

- **WebSphere Application Server, Mobile, J2EE, JSPs, Servlets, Portals, Triggers and Stored Procedures.**

and J2EE technologies with Software Development Life Cycle **SDLC**.ig java

PROJECT(s)

Sr. JAVA TECHNICAL LEAD

Charles Schwab, Austin, TX / Jun 2019 – Present

Enhance, Design and maintain Alert Sub-System Micro Services such as Generic, WorkFlow and Correspondence Alerts, by capturing all the advisor input data from the source, Mainframe/DB/SL.com channels, developed using Spring Boot.

Skill Set

Competencies

Software Development Life Cycle

Technology Evaluation.
Process Reengineering
Techniques.

Engineering & Technology Standards & Procedures

Methodologies

Collaborative working

Communicability and

Analytical Skills

Architectural & Code

reviews

Business-Savvy

Responsible for integrating Alerts Retrieval API developed on ASP .NET Core and C#, with sub-system.

Develop Alerts Management Service using Spring batch scheduler to archive the alerts as per the product and business rules.

Worked with cloudOps on Bamboo branching strategy by creating a CI/CD pipeline to automate the feature/release deployment for the alerts Sub-System.

Implemented architectural solutions involving multiple Pivotal Cloud Foundry (PCF) foundations on VMware virtual infrastructure.

Developed a Robust alert system that is deployable as Infrastructure as a Service(IaaS) that supports application automation, encapsulation, self-service and cloud interconnectivity.

Hands-on-involvement in Creation, Configuration and management of IBM MQ/RabbitMQ objects like Queue Managers, Brokers, Topics, Queues, Channels, Processes.

Involved with application deployments and support that requires to move files, edit configuration files, view logs, check running processes, all from LINUX terminal (using shell scripting, particularly ksh and bash).

Implement and enhance cryptography algorithms(Symmetric/Asymmetric) that will provide additional security to the system/modules/applications.

Participate in deep architectural discussions to build confidence and ensure team success when building new and migrating existing applications, software and services onto the Cloud platform. Drive microservices style of architecture when applicable. Apply Domain Driven Design concepts to model micro-services.

JAVA TECHNICAL LEAD

Lendup, Oakland, CA / Apr 2019 – Jun 2019

~~Designed and built Caching framework using EhCache, spring scheduler and supported components having spring batch and AOP.~~

PRINCIPAL SOFTWARE/TECHNICAL LEAD ENGINEER

Macys.com, Sanfrancisco, CA / Mar 2015 – Mar 2019

Designed and built Caching framework using EhCache, spring scheduler and supported components having spring batch and AOP.

End to end web applications implementation and design, addressed application-wide issues such as performance, security, concurrency, transaction management, session management, caching, validation.

Implemented MOD based solution to generate unique keys across data centers for Multi-Site Hosting for purchase and delivery modules.

Interacted with DBA team for configuring the Collision detection resolution rules for data replication using Oracle Golden Gate.

Implemented the validation, error handling, and caching framework using Oracle Coherence.

Helped create and implement distributing data architectures using NOSQL technologies such as data distribution networks to deliver data into the data storage layer and API components for Client.

Extensively worked with JMS API and TIBCO Messaging to publish messages asynchronously between multiple clients. Worked on JBOSS Application server as the provider to manage session and queues.

Develop and enhance all modules between API and infrastructure levels: starting from basic modeling and design, Domain Driven back-end

Product/Business/Project Management Skills

Design System/Services.

Project estimation and Inception.

Architectural Solutions

Achieve high level Customer Acceptance

~~Build and Build Design.~~

Cultivate innovation by driving cross-collaboration.

Execution of projects across multiple teams.

implementation (functional, OOP, actors), messaging, caching, background jobs, persistence with DB2, RDBMS and NoSQL, etc. to complex stateful cluster services, micro-services, event sourcing, stream and batch processing.
Performed automation of testing services in several environments with GitHub, Jenkins and Sonar, Nexus.

TECHNICAL ARCHITECT

AAA Club Partners(ACP), Walnut Creek, CA / Jun 2014 – Mar 2015

Online Garage/Repair Suite services were based on RESTful architecture and Spring MVC. The service involves CRUD operations to be involved on tables.

Created and injected Spring services, Spring controllers and DAOs to achieve dependency injection and to wire objects of business classes. Used Hibernate for Object Relational Mapping ORM and data persistence. Configured database mapping with hbm.xml and made easy to access and update Hibernate ORM objects on initial load of application and throughout the application process.

Developed the facade that assembles the domain and repair Suite objects, a controller and rest client.

Accordingly developed the test classes using Spring JUnit.

Perform Database Administration of all database objects including tables, clusters, indexes, views and procedures.

Wrote Java utility classes that are common for all of the modules.

TECHNICAL PROJECT LEAD

Cisco Systems, San Jose, CA / Apr 2012 – May 2014

Design Architect and Project Lead for the Customer Registry API framework and implementation.

Provided technical solutions to the team developing a Master system on Spring, JDBC Template for admins, supporting global contracts and payment channels across multiple geographic regions.

Worked with the Search relevancy team to improve relevancy and ranking of search results using Lucene/SOLR and implement new features like indexing, querying, sharding, Caching, writing regular expressions and customizing lucene/Solr code.

Developed the web services with both SOAP and Restful. Designed, implemented and deployed web Services integration with different Modules.

Used Hibernate queries to query the database through backend process layer.

SENIOR SOFTWARE ENGINEER

Cisco Systems through Tech Mahindra, Hyderabad, Telangana / Apr 2008 – Mar 2012

Designed and implemented Spring Framework for the customer profile repository using RESTful and SOAP web services.

Recommended processes, procedures, tools, techniques and roles to help prevent performance problems in the future.

Monitor the jobs (process chains or programs) that are scheduled and make sure they are running.

Migrate the technical architecture from velocity framework to Struts 2.0. Develop the Theater-Country-Country code hierarchy using HTML, CSS

and JavaScript.

SENIOR SOFTWARE ENGINEER

Cisco Systems through Zensar Technologies, Pune, Maharashtra / Jun 2006 – Mar 2008

Design the Account4 application that meets the objectives appropriate for web-based products.

Advanced Services Account Processing(ASAP) is being positioned as the GATEWAY to various elements of customer integration.

Integrate independent tools and applications seamlessly into a unified platform.

Implemented query caching for the query execution and created a utility class to create enums from the reference data by reading DB.

Developed end to end data processing pipelines that begin with receiving data using distributed messaging systems using Java thread executor framework by persisting the data into the database(s).

SOFTWARE DEVELOPER

AT&T through IBM, Bangalore, Karnataka / Feb 2005 – Mar 2006

Develop the Ordering,Tracking and Billing Module for ATT.com.

Developed Custom Portlets based on JSR 168 specification using WebSphere Portal Server 6.1.

Installing and upgrading IBM HTTP/Apache Web Servers,WebSphere and Portal servers.

Parse XML requests from different modules and provide the XML response thru SAXParsers.

Develop user interface thru JSP, Swings.

Done the design analysis for all the 3 modules and also Junit testing.