CH V MURALI KUMAR

PRINCIPAL JAVA DEVELOPER

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Education

(Mar 2006)
Master of Computer Applications,
ANDHRA UNIVERSITY
– Visakhapatnam

(Mar 2003)
Bachelor of Science (B.Sc. CS),
ANDHRA UNIVERSITY
– Visakhapatnam

Key Skills

Java/J2EE

Spring Framework, Spring boot

Hibernate, JPA, JDBC, JSP, Servlet

MySQL, Oracle

PrimeFaces, JavaScript, HTML, CSS

Kony Mobile, Flutter, Android

ANT, Maven, JUnit

Microsoft Azure

Problem solving, Communication

Curious, Organized, Teamwork

Certificates

(2019) Java SE 8 Programmer - OCP
(2021) Java Spring Framework -
Coursera
(2022) Azure Developer Associate -
Microsoft
(2022) Azure Solutions Architect
Expert - Microsoft
(2022) Power Platform App Maker
Associate - Microsoft

Summary

Highly motivated and experienced software professional with over 15+ years of experience in Java and Microsoft Azure. Adept at using Java/J2EE, Spring Framework, Hibernate, and various Azure services to develop and deploy secure, scalable, and high performing applications. Excellent problem-solving and communication skills with a strong ability to work in a team environment

Professional Experience

PRINCIPAL JAVA DEVELOPER   SEP 2014 – Present
Parexel International (India) Pvt Ltd – Hyderabad

- Use Java/J2EE, Spring, Spring boot, Hibernate technologies to develop web applications for client server environments and add functionalities to existing applications.
- Conduct user requirements analysis to design and program applications and deliver support for system enhancement.
- Play a pivotal role as a part of an agile scrum team accountable, developing new applications using Spring framework.
- Involved in development of various stories and bugs of various for VCAS (Virtual Clinical Adjudication System) projects and contribute to other technical documentation activities. Developed UI and Service layer components for various modules.
- Hands on experience in Azure Development, worked on Azure web application, App services, Azure storage, Azure SQL Database, Virtual machines.
- Designed, configured, and deployed Microsoft Azure for a multitude of applications utilizing the Azure, focusing on high - availability, fault tolerance, and auto-scaling.
- Developed methodologies for cloud migration, implemented best practices and helped to develop backup and recovery techniques for applications and database on virtualization platform.

SENIOR SOFTWARE ENGINEER   OCT 2013 – SEP 2014
Kony IT Services Pvt Ltd. – Hyderabad

- Involved various mobile apps development with Kony Mobile Platform.
- Involved in implementing custom features, UI design along with business team
- Developed and integrated processes into system life cycle management

SOFTWARE ENGINEER   MAR 2010 – OCT 2013
Wipro Technologies – Hyderabad

- Rendered solid technical expertise in SDLC and various Java/J2EE web application developments with Core Java, JSP, Spring, JBOSS 5 and Oracle 10g.
- Developed highly interactive and customized UI using JavaScript, HTML, JSP, and CSS to improve functionality of web applications.
- Performed unit testing of applications by developing and applying test cases in JUnit.

SOFTWARE ENGINEER   OCT 2007 – MAR 2010
N-Dime Technologies – Hyderabad

- Worked in a team of designers, developers, and business specialists.
- Developed reusable component libraries using J2EE technologies, Spring Framework, Tomcat, and Oracle to save time and increase productivity.

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Professional Project Experience

▶ **1. Virtual Clinical Adjudication System (VCAS)**   **January 2018 – Till date**

Client: Parexel International

VCAS is a proprietary web-based application that facilitates central online management of adjudication activities. VCAS primary function is to provide electronic Case Report Form (eCRF) functionality and automated adjudication process via a web-based interface for clinical trial protocols. VCAS application operates in a hosted environment and can accommodate any number of users and reviewers with specific privileges based on their role.

Key Benefits
- Alleviates the need for committee members to meet in person, saving time and cost
- Enables international review committees utilizing the best physicians for a therapeutic area
- Reduces cycle time for review committee to perform assessments
- Improves data quality through use of eCRFs and online edit checks
- Workflow and electronic query tools within VCAS in streamlined, highly efficient review processes

Technologies: Core Java, JSP, Spring, Spring boot, Hibernate, Oracle, Junit, Azure Services

Roles and Responsibilities:
- Involved in analysis, design and developing the high scalable test-driven application using Spring Framework, Springboot and Mockito/Junit
- Involved in UI screen design for new screens along with business team. Worked on frontend UI web pages using JSP, CSS, HTML and Java Scripts
- Conducted user requirements analysis to design and program applications and deliver support for system enhancement. Customized each project implementation based on specific sponsor requirements as business API Services / Dao using spring framework like Spring boot, IOC, Spring JUnit modules and JPA for Entity layer
- Developed reusable component libraries to save time and increase productivity, while considering frequently requested functionalities as generic features for the VCAS Base Product.
- Worked on database queries to User Configuration Specification and Report Configuration Specifications
- Worked on AnyPharmco is the internal study implementation of VCAS Base
- VCAS system has a dependency on User Manager Portal. This portal manages User access privilege for each study implemented for VCAS.
- Contributed to the deployment process by building and configuring additional Ant/Maven scripts.
- Played a pivotal role as part of an agile scrum team in developing new applications using the Spring framework.
- Involved in developing various stories and fixing bugs for VCAS projects/studies and contributing to other technical documentation activities.
- Involved in the integration of the application with Azure services and configured Azure pipelines for continuous integration and deployment
- Successfully integrated the application with Azure App Service, Azure Functions, Azure Virtual Machines for deployment and provided a secure and scalable cloud infrastructure.
- Improved the performance and stability of the application by leveraging Azure services.

- Application implemented in agile software development process, activity involved in Sprint planning, reviews, and daily standup meeting
- Prepared documentation like technical design documents, application configuration guide, user guide and maintenance guide.

2. PMED Interface Rebuild   **January 2016 – December 2017**

Client: Parexel International

PMED is an electronic document management system based on OpenText Content Server. Currently PAREXEL is five major releases behind the latest version of PMED (Content Server - CS16) and no longer on a supported version. As a result, we are not realizing the full business benefits of the platform and experience frequent down time and poor system performance. This is the first project and will Stabilize and synchronize non-production environments by copying the Production environment back to DEV and Staging, convert interfaces from LAPI API to new SOAP API required by CS16, Redesign 13 workflows for optimal performance on the current version of PMED, build new environment with CS16 to allow for better performance.

Technologies: Core Java, JSP, Servlets, Spring Framework(IOC, MVC), Hibernate, Oracle.

Roles and Responsibilities:
- In Interface release 1, building the foundation for replacing soon to be discontinued LAPI API calls to use the new PMED API façade.
- Implemented configuration files loading mechanism based on application to easy replace properties in API.
- In release 2 is focused on the changes to the IH-PMED interface that are necessary to make this application compatible with Content Server 16, and identified LAPI based methods in use in Impact Harmony
- Implemented creates new PMED folder applies categories and attributes provided to a node created for IH interface that are being replaced to insure upward compatibility with the Current OpenText system (CS16).
- Writing articles in Confluence for future reference.
- Configured Jenkins for continuous build integration tool for project maven builds and for deployment.
- Involved in bug fixing in various modules.

3. Apollo   **October 2014 – December 2016**

Client: Parexel International

This web application based electronic source data capturing and trail management system in Early Phase research segment. Which accommodates modern Early Phase Requirements as well as regulatory and standard industry requirements, to increase customer satisfaction and loyalty by optimizing efficiency and increasing quality in conducting clinical trials.

Apollo is an integrated clinical trial management system covering almost all aspects of clinical studies from financial management to the reporting of clinical data. Apollo includes various modules as high level : LIMS, Clinical Trail Management, Recruiting Management, eSource, Design & Reporting. LIMS involves Study setup, Lab

workflow, sampling data, Profile setup. Clinical Trail Management involves various reporting stages like Data management reports, Lab results trend reporting etc., Recruiting Management involves Subject Information, Lab specific details etc.,

Technologies: Core Java, JSP, Servlets, JavaScript, Spring IOC, Spring MVC, Oracle, JUnit

Roles and Responsibilities:
- Contributed to the development of an application using the agile software development process, participating in Sprint planning, reviews, client demos, and Daily standup meetings.
- Developed backend business API Services / Dao Services using spring framework features like Spring boot, IOC, MVC, Spring Batch and DAO modules and JPA for Entity layer
- Involved in UI screen design for new screens along with business team. Worked on frontend UI web pages using JSP, CSS, HTML and Java Scripts
- Writing articles in Confluence for future reference.
- Configured Jenkins for continuous build integration tool for project maven builds and for deployment.
- Developed various functional implementations in Workflow setups, Study setup, and sampling.
- Involved in bug fixing in various modules.
- Conducting code reviews and supporting other teams.
- Prepared documentation like technical design documents, application configuration guide, user guide and maintenance guide

▶ **4. Citi Global Mobile**   **October 2013 – September 2014**

Client: Citi Bank

This app is developed as a product with configuration options to support multiple countries (NA,UK,other) functionalities for Citi. This app supports Android, iPhone, and Thin Client (TC) Channels and with new UI design built on Kony 5.0 platform. The App now supports the following functionalities: Account Summary, Recent activity for checking and credit card accounts, including pending and future transactions and transaction search, Pay bills and view, change or cancel payments, Make or schedule future credit card payments, Transfer funds between linked Citi accounts, Push notifications for Bank and Credit cards, Send money to virtually anyone's U.S. bank account with Popmoney, Deposit checks using Mobile Check Deposit, ATMs/branches location search, Contact Us, and Help, View the rewards (thank you points) balances, Snap Shot mode (for limited set of users) gives the flexibility to the users to view their balances without logging in to application.

Technologies: Core Java, JavaScript, Kony 5.0 mobile platform.

Roles and Responsibilities:
- Developed UI for TC Channels Rewards, ATMs/branches location search, Contact Us, and Help.
- Developed Preprocessors and Postprocessors for different account summary notifications, transactions, and Rewards.
- Involved in bug fixing in various modules.

5. Smart Data   **September 2012 – October 2013**

Client: Master Card

This application is an online reporting tool that allows users to access corporate card transactions securely over the Internet. The application helps to expedite expense reporting by allowing
- Access and enhance transaction data.
- Create records for cash expenses.
- Perform cost allocation.
- Generate reports and exports.

This application is authority-based i.e., the access to data and functions is determined by user type and assigned user authorities (permissions). Issuer Administrators determines the various functions and data that are available to an Issuer. Issuer Administrators are responsible for enrolling companies to use the application for expense reporting. Issuer focus is typically high-level implementation, card and usage review, as well as support activities. Issuer has access to all companies and accounts enrolled by your issuer.

Technologies: Core Java, JSP, PrimeFaces, Spring Framework, JBoss 5, and Oracle 11g.

Roles and Responsibilities:
- Developed Business Logic and UI for cash transactions, card usage reviews, Alerts.
- Involved in UI screen design for new screens along with business team. Worked on frontend UI web pages using PrimeFaces widgets
- Converting BO reports into Java based reports.
- Involved in bug fixing in various modules.

6. Beyond Enrollment Tool   **May 2012 – July 2012**

Client: Master Card

Beyond Enrollment Tool is part of ALM (Account Level Management) platform. It contains HighValue and EnhancedValue. This application is intended to recognize the high spend cardholders and benefit the issuers/cardholders. Issuers enroll program, registers the cardholders so that they participate in the program. These programs include an approval process where representatives validate the program and approve.

Technologies: Core Java, JSP, Spring Framework, JBOSS 5, and Oracle 10g.

Roles and Responsibilities:
- Migrated application from WAS to JBOSS 5
- Modified/Created Maven build scripts for the project
- Modification changes in configuration settings related to the JBoss AS

7. Monitoring 360 Solution Dashboard   **November 2010 – February 2012**

Client: NBC Universal

This project aims to deploy a more reliable and scalable monitoring solution along with a user friendly and easy to use dashboard. This will replace the current monitoring solution. This system capable of monitoring more than

600 applications and provide transaction monitoring capabilities. System provides Application monitoring, Alerting, Performance reporting, Systems monitoring, Dashboard for inventory information.

Technologies: Java, JSP, PrimeFaces, Spring Framework, JBoss AS 4.2, Oracle 10g, and Linux.

 Roles and Responsibilities:
- Developed Business Logic and UI for Add a Contact and Subscribed Alerts.
- Involved in UI screen design for new screens along with business team. Worked on frontend UI web pages using PrimeFaces widgets
- Developed E-Mail Integration for alerts.
- Developed shell scripts for schedule jobs of application and distribution list data fetching to central database.
- Developed Ant script for build the application.
- Involved in bug fixing in various modules.

▶ **8. Upgradation of Water ITO Applications**   **September 2010 – October 2010**

Client: GE Water

This project analyzes and modifies existing features in the Inquiry-to-Order (ITO) web applications that interface with SAP ERP. Upgradation of existing SAP ERP 4.6c to ECC6 would require changes in the existing BAPI function calls made by the ITO applications (OnlineStore, PriceQuote, Sales & Customer Portal and Service & Operational Portal).Currently, the 4 applications are use web services and direct DB calls to SAP in order to fetch data. Due to the change in the ERP version the reference points for these calls needs to be modified so that the right information can be fetched from SAP and displayed in the right form.

Technologies: Java, JSP, Servlets, JavaScript, HTML, Spring Framework, JBoss AS, and Oracle**.**

Roles and Responsibilities:
- Involved in Ant build scripting modifications,
- Deploying the builds on JBoss Application in new environment, technical findings while building and deploying applications in new environment.
- Involved in modifications of the applications related to web service calls.

▶ **9. RIF Data Call Simulator**   **April 2010 – August 2010**

Client: Kone

RIF Data Call Simulator is web-based application which sends messages which are related elevator calls sends manually. The message sends through intermediate servers like RIF Gateway and KRM Servers, and finally stores in the database. The massage can be captured based on the type of the message type, generate the report of the last updated call and this simulator has responsibility of the call validation.

 Technologies: Java, Servlets, JSP, JavaScript, HTML, and Apache Tomcat.

 Roles and Responsibilities:

- Involved in Ant build scripting modifications.
- Developed Business Logic for the Application.
- Developed User Interface for call representation.

▶ **10. EnCore**   **June 2009 – March 2010**

Client: N-Dime Software Technologies

EnCore is an E-Commerce Product. This product offers a complete solution that can support all E-Commerce needs. This product provides basic functionalities for setting up an E-commerce Store such as Maintenance of Inventory, Central Product Catalog, Order Management, Shipping, Accounts, and Fraud Management. Content Management System (CMS) deals with managing the content like rich text, images, and various kinds of files. CMS involves the various operations like create, edit, search, versioning and upload and download the content. Catalog Management System (CMS) is focused on centrally managing information about products. Products are managed according to the market needs and demand. Products are organized various kinds of formats like top selling products, related products of a particular products, also bought products, various categories of products, managed by manufacturer, and products by distributor. Cart & Checkout System is focused on customer's shopping cart, this contains products, categories, discounts, orders, customers, etc. The checkout process can be done through following ways i.e., Credit card, Google Checkout, and PayPal. This cart and checkout process various functionalities like validating the customer's identification, cart details, discount processes, gift certificates, credit points, validating the credit card, generating invoice. And maintain the ordered data for the reporting, and sending mail for the order, cancellation of the order. Admin Console is a responsible for maintaining the all the inventory data, vendors' details etc.

Technologies: Java, JSP, Servlets, JavaScript, HTML, DOJO ToolKit, FreeMarker, Spring, Hibernate, JUnit, Google Checkout API and MySQL.

Roles and Responsibilities:
- Involved in Ant build scripting for build and deploy the application.
- Design & Development of Server side(Spring framework and MVC Architecture) as well as Client side (FreeMarker, DOJO and HTML) components
- Developed data access layer Data Access Object (DAO) using Hibernate template.
- Developed uploading product details functionality, UI using JavaScript, DOJO and HTML, Server side using Spring
- Developed complete cart functionality and integrating the Google Checkout Process.
- Developed admin dashboard, vendors' catalog information using DOJO components.

▶ **11. Artemis 7**   **December 2007 – March 2009**

Client: N-Dime Software Technologies

Artemis 7 is a web-based investment portfolio management system that supports organizations that wish to implement a top-down management process to optimize the selection and execution of investments. Using various modules, Artemis 7 provides top-to-bottom support, from the strategic analysis and approval of investment expenditure to the work content definition necessary to successfully execute those investment decisions. Implemented across an enterprise, the modules supporting work content definition can be configured to support each business unit's level of project and resource management maturity. This approach ensures that

corporate governance is maintained without the need to implement a consistent project management process across the enterprise. The top-down nature of Artemis 7 helps organizations minimize the effort expended on projects that are not aligned to company goals and priorities.

Technologies: Core Java, Applets, Servlets, Abbot Testing Framework, Tomcat, SQL Server.

Roles and Responsibilities:
- Developed Business Logic for the Application.
- Developed Project Work plan, Resource planning views.
- Developed functional flow of the score card reporting.
- Involved in bug fixing in various modules.
- Developed Abbot test cases for various scenarios and generating reports like test reposts, CheckStyle.
- Used CSV for code check-in and promoted code to higher environments.