

Mary Regeena Bellapu

Technical Business Systems Associate

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Summary

2 years as Technical Business Systems Associate and 11+ years of expertise as software engineer in developing web applications.

Passionate to analyse and design the right architecture for the future of the platform and streamlining the process.

Part-time Teacher Assistant(TA) at UC Berkeley Ext.

Education & Certifications

Certified Scrum Product Owner (April 2023)

UC Berkeley Extension - Full Stack Web Development

Master of Science in Information Systems, Andhra University, India

Bachelors in Computer Applications (BCA), Andhra University, India

Experience

Wells Fargo

Technical Business Systems Associate

June 2019 - Present

Wholesale Customer Onboarding (WCO)

Environment: Oracle, MongoDB, Java, React JS, Visio, Confluence, Jira, ALM

- Acted as a liaison between the Business team, cross functional tech teams and testing teams.
- Analyzed the prioritized business requirements and provided alternate solutions to stakeholders.
- Designed UI mockups, process flow diagrams and documented the design artifacts.
- Collaborated with other technology partners to integrate complex systems for digitizing Customer Onboarding.
- Collaborated with QA/UAT teams in triaging the defects to the development team as needed.
- Managed releases with successful delivery of the product with very minimal prod issues.

EHE International

Sr. Software Engineer

July 2013 - Dec 2018

Environment: Java, Spring Boot, Data, Microservices, Redis, Struts, Hibernate, JSP, Tomcat, JavaScript, HTML, CSS, Google Analytics, Recaptcha, JSON, AJAX, jQuery, Twilio, MySQL, PostgreSQL, AWS, SVN, Git, Maven, Docker and Agile, SmartDraw.

- Involved in system impact analysis for the enhancements to the existing applications.
 - Designed UI for the enhancements and design artifacts when needed.
 - Enhanced with Microservices for integration between clinical applications and patient portal.
 - Designed and implemented SMS Reminders for patient appointments to reduce the no show patients.
 - Designed a Web Analytics solution for the patient journey to get an accurate report of patient engagement using the patient portal.
 - Upgraded web applications to be cross-browser compatible as previously compatible to only IE.
 - Acted as a liaison between technology and business (network facilities) to roll-out the lab order upgrades in phases.
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UC San Diego School of Medicine

Software Engineer **Oct 2010 - Aug 2011**

Environment: Java, Jboss Seam, JSF, Jboss, Unix, Hibernate, iText, Seam Mail, Seam Cron Quartz, JavaScript, AJAX, jQuery, XHTML, CSS, MySQL, Subversion, Visio.

- Worked closely with business teams to prioritize and understand the business needs.
- Led the analysis of business needs and gathered the requirements.
- Designed the UI Wireframes and artifacts for the design.
- Documented design and technical specifications in confluence.
- Designed and developed web Applications for the School of Medicine.
- Implemented jobs to run using cron job scheduling using Quartz asynchronous scheduler in the application and generated PDF reports.

Depository Trust Clearing Corp.(DTCC)

Software Engineer **Feb 2008 - Oct 2010**

Environment: Java, JSP, Servlets, JSTL, Struts, Hibernate, Spring MVC, JFreeChart, iText, JavaScript, AJAX, jQuery, HTML, CSS, WebSphere, Sybase, Unix, PVCS, Visio.

- Involved in gathering business requirements and analysis of business needs.
- Designed UI wireframes and collaborated with business to meet the requirements.
- Documented all the design and use case diagrams in function and technical specifications.
- Developed web applications for Risk Management in DTCC and its subsidiaries.
- Implemented dynamic chart widgets on dashboards using AJAX, and generated PDFs.

HSBC Software Technology Centre

Sr. Software Engineer **Aug 2005 - Oct 2007**

Environment: Java, JSP, JMS, Servlets, JavaScript, Hibernate, Struts, XML, SOAP, DOM, SAX, Ant, DB2, WebSphere, MQ Server, LDAP, VSS.

- Designed UI mockups and collaborated with business.
- Documented functional and technical specifications based on the requirements with all design artifacts and technical details.
- Developed web applications for Contact Center administration.
- Designed and developed Web services using SOAP and parsing XML using DOM parser.
- Maintained and enhanced the applications for various released versions in US, UK and HK.

Technical Skills

Java, Spring (MVC, Boot), Microservices, Struts, Jboss Seam, Hibernate, JFreeCharts, iText, JUnit, Maven, Web Services (REST/ SOAP), JSP

Databases : Oracle, MySQL, MongoDB, PostgreSQL, DB2, MS SQL Server

Version Management : Git, Subversion (SVN), PVCS

Design Tools: Visio, SmartDraw for Application, Entity Relationship and Use Case diagrams.

Platforms: Mac, Windows, Unix

JavaScript, Node, Express, Sequelize, Mongoose, React, Angular, Handlebars, Passport, Axios, Firebase, jQuery
UI : HTML, CSS, Bootstrap, Materialize

Application Servers : Apache Tomcat, Jboss, WebLogic, WebSphere

Cloud Servers : Google, Heroku, Digitalocean, AWS

Methodologies : Agile Scrum, SDLC, TDD

IDE's: Eclipse, IntelliJ, SQLyog, Aqua Data Studio, SQL Developer, MongoDB Compass, MySQL Workbench, Jenkins

Process Tools: Jira, Sharepoint, Confluence, ALM