

Mary Regeena Bellapu

Sr. Software Engineer

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Professional Experience

Wells Fargo | Sr. Software Engineer | Jan 2021 - Present

Wholesale Customer Onboarding (WCO)

- Collaborated with the Product Owners for analyzing the initiatives and provided with possible solutions.
- Designed UI mockups, process flow diagrams and documented the design artifacts.
- Developed complex integration between upstream and downstream applications.
- Lead the dev team and collaborated with other technology partners to integrate complex systems for digitizing Customer Onboarding.

Wells Fargo | Sr. Technology Business Systems Consultant | June 2019 - Dec 2020

Wholesale Customer Onboarding (WCO)

- Acted as a liaison between the Business team, cross functional tech / QA teams.
- Analyzed the business requirements and provided alternate solutions to stakeholders.
- Designed UI mockups, process flow diagrams and documented the design artifacts.
- Lead the team and collaborated with other technology partners to integrate complex systems.
- Collaborated with QA/UAT teams in triaging the defects to the development team as needed.
- Managed the releases end-to-end for successful delivery.

EHE Health | Sr. Software Engineer | July 2013 - Dec 2018

- Involved in system impact analysis for the enhancements for all clinical 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 all clinical 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.

UC San Diego School of Medicine | Software Engineer | Oct 2010 - Aug 2011

- Worked closely with business teams to prioritize and understand the business needs.
- 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

- Designed UI wireframes and collaborated with business to meet the requirements.
- Documented the design artifacts and use case diagrams in functional and technical spec.
- 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 Center | Sr. Software Engineer | Aug 2005 - Oct 2007

- 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

Languages - Java, Javascript

Java/J2EE Technologies - Spring (MVC, Boot), Microservices, Struts, Jboss, Hibernate, Kafka, JUnit, Maven, Web Services (REST/ SOAP), JSP, Servlets

Javascript Technologies - Node, Express, Sequelize, Mongoose, React, Angular, Handlebars, Passport, Axios, Firebase, jQuery

UI/UX - HTML, CSS, Bootstrap, Materialize

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

Cloud Servers / Web Servers - Apigee, Google Cloud, Heroku, Digitalocean, AWS, Apache Tomcat, WebSphere

Versioning Tools - Github, Subversion (SVN), PVCS

Methodologies - Agile Scrum, Waterfall, SDLC, TDD

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

IDE - Eclipse, IntelliJ, SQLyog, Aqua Data Studio, SQL Developer, MongoDB Compass, MySQL Workbench

Process Tools - Jira, Confluence, ALM, Jenkins

Education and Certifications

- Certified Scrum Product Owner (Valid till April 2023)
- UC Berkeley Extension - Full Stack Web Development (2018)
- Oracle Certified, Java EE 6 Web Services Developer (2014)
- Sun Certified Java Programmer (2010)
- Master of Science in Information Systems, Andhra University, India (2003)
- Bachelors in Computer Applications (BCA), Andhra University, India (2001)