


# Richa Verma

Greater Houston

 richa.verma1001@gmail.com

 [linkedin.com/in/richa-verma](https://www.linkedin.com/in/richa-verma)

## Summary

I am a software engineer with 15 years of experience in full-stack web development, cloud deployment, and DevOps practices. Passionate about leveraging AI to build innovative solutions. Proven track record of driving project success and fostering team collaboration.

## Experience

### **Technical Lead, Watson Company Analyzer**

IBM

Aug 2016 - Jun 2018 (1 year 11 months)

Led the frontend team in the development of an AI-powered application to discover companies based on textual descriptions of an ideal company, provide holistic company profiles and provide comprehensive insights into companies, utilizing both publicly and privately available data.

- Championed the use of modern front-end technologies React, Node JS and laid the foundation for the frontend application.
- Collaborated with stakeholders to translate product vision into user stories, ensuring alignment with business goals.
- Conducted daily scrums, mentored junior team members, conducted code reviews and fostered a culture of continuous learning and growth within the team. Conducted technical interviews and advised on hiring new talent.
- Implemented automated test coverage via JEST framework, providing extensive test coverage and minimizing regression risk in production.
- Spearheaded build and automation via CI/CD pipelines using Travis, Docker, and Kubernetes and delivered a successful application preview into IBM Cloud.

### **Technical Lead, Watson Workspace**

IBM

Aug 2015 - Aug 2016 (1 year 1 month)

Led a team of 8 developers to deliver Common Application Framework for use in Watson Workspaces.

- Designed and implemented a 'Common Framework' into Watson Workspace that included a library of React based common components, build tooling (Gulp and Gradle), end-to-end automation, and CI/CD(Maven) templates to provide a unified user experience and seamless integration of all applications.
- Enabled team to deliver Avatar, Typeahead, Analytics, Fonts, i81n Library into the common application library.
- Exhibited strong leadership with effective communication among team members, resolving cross-task dependencies and providing agile planning guidance for iterative progress, thereby fostering streamlined project execution.

### **Technical Lead, IBM Connections**

IBM

Jan 2010 - Aug 2015 (5 years 8 months)

- Responsible for enabling common applications inside IBM Verse: Technical lead for a set of four teams bringing consistent architecture and development practices, leading to a seamless integration in Verse.
- Architected and Implemented CI system for Connections (Verse) components in Jenkins. Established a build system in Maven to drive continuous integration.
- Delivered Unified Connections Media Experience enabling inline image and video previewing into IBM Connections and IBM Cloud. [Received: IBM Outstanding Achievement Award]
- Using Dojo, JavaScript and CSS technologies delivered several web applications into the existing Connections portfolio. (Sametime Awareness in Connections, Page Layout and Theming, Application Palette, Login/Logout APIs and many more)

## **Software Developer, Lotus Quickr**

IBM

Oct 2008 - Dec 2010 (2 years 3 months)

Software Developer for a business platform, designed to increase project value through seamless execution by bringing together people, information and project materials.

- Collaborated with design team and delivered a more user friendly, easy to navigate, customer appealing user interface to the product via Themes.
- Developed and delivered multiple portlet applications into Quickr.
- Enhanced theme architecture to allow rendering of iWidgets and Portlets on the same page.

## **Software Developer, Document Manager**

IBM

Jan 2007 - Oct 2008 (1 year 10 months)

- Nominated as a subject matter expert for Document Workflow within two months of joining the team. This feature addressed stages of document workflow from creation, review and approval to archiving and disposal.
- Appointed release manager for content management components – a set of six teams. Responsibilities included daily triage and follow up with individual teams to ensure on time product delivery.
- Spearheaded an innovative, well-received prototype to propose an alternate model to document collaboration. This was adopted into the base product.
- Enhanced product performance by simple inspection of downloads, elapsed time and profiling in client browser.

## **Software Engineer, IBM Forms**

IBM

Jul 2004 - Dec 2006 (2 years 6 months)

- Designed an Eclipse toolkit to generate electronic forms for mobile devices targeting end users without programming skills
- Lowered development cost by introducing reusable forms component.
- Developed a wizard based on Eclipse PDE to allow users to connect to a backend database to generate form instances (xml) and form templates (xForms).
- Published video tutorials to train customers on forms tooling and usage.

## **Intern, WebSphere Everyplace Access**

IBM

Jun 2002 - Jul 2004 (2 years 2 months)

- Engineered an application (JS) to automate testing for Pocket PC in desktop browser simulation.
- Provided Pocket PC and Palm device support for Productivity and Notes portlet (JSPs).
- Leveraged the ANT library to setup build scripts to compile, assemble and run WEA libraries.

## **Education**



**North Carolina State University**

B.S., Computer Science

## **Licenses & Certifications**



**JavaScript Algorithms and Data Structures** - freeCodeCamp

## **Skills**

Kubernetes • Jest • Webpack • Gulp • IBM Bluemix • Travis CI • Mocha (JavaScript Framework) • GitHub • Docker • Technical Leadership

## **Honors & Awards**



**IBM 2012 UX Champion** - IBM Collaboration Solutions, User Experience

Nov 2012

This distinction is reserved for members of the development staff, nominated by their UX design and Info Development counterparts, who have demonstrated passion and commitment to user experience excellence. Each of these individuals have gone above and beyond normal duties, partnering with UX/ID to deliver compelling and competitive user and information experiences to our customers.



**SWG Eminence & Excellence Award**

Mar 2014

Designed to recognize individual and/or team contributions and results above and beyond normal job role performance and expectations. Richa Verma is receiving this award for demonstrating the Practice: Unite to Get it Done Now.



**IBM Outstanding Technical Achievement Award** - IBM

Nov 2014

Awarded for demonstrating outstanding execution and leadership on the design, development and delivery of key business feature 'MediaView' in IBM Connections.