

# PRASHANT GUPTA

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## Education

**North Carolina State University**  
Masters in Computer Science  
Subjects: Algorithms, DevOps & Data Structures

**2014 – 2015**  
CGPA: 3.56/4

**Manipal Institute of Technology, India**  
Bachelors in Computer Science

**2007 – 2011**  
CGPA: 8.32/10

## Skills and Achievements

- **Languages and Technologies:** Java, JavaScript, JQuery, p5.js, bootstrap, Kubernetes, Docker, Kibana, Android, JSP, Servlets, Hibernate, AJAX, REST, Ansible
- **Tools:** Cassandra DB, Mongo DB, Jenkins, Kafka, Apache Tomcat

## Experience

**IBM Watson Cloud platform engineer (Almaden, CA)**

**February 2016 – Present**

- Working as a **Cloud engineer**, managing the metering stack for the entire Watson platform. This helped IBM Watson directly with revenue through correct use of its services by different users.
- Worked on **Java** to develop robust components for the metering stack.
- Led the team to migrate all components of the Metering stack from VM's to **Containers through Kubernetes**.
- Proactively constructed various **Dashboards in Kibana** to monitor the metering stack across various environments.
- Led the team as a **Scrum master** for two sprints.
- Worked with automation and deployment of various Operational Visibility components, through **Ansible** scripts.

**IBM Emerging Technology Intern (RTP, Raleigh, NC)**

**June 2015 – August 2015**

- Worked with **Docker** containers and **IBM Container Service** along with **IBM DevOps Service Pipeline** to help deploy a Traditional IBM Websphere App (Daytrader) onto Bluemix (IBM's cloud initiative).
- Published a YouTube video demonstrating the effectiveness of IBM's Websphere to Cloud Migration toolkits.  
<https://www.youtube.com/watch?v=QBAD1oO0Kgl>

**Honeywell Technology Solutions (Bangalore, India)**

**Jan 2011 – May 2014**

- Worked primarily on a **Java based** Honeywell proprietary framework called **Niagara** for over 2 years. It is a comprehensive software infrastructure for developing device-to-enterprise solutions.
- **Key contributor in a Patent** currently filed under the US patents office, called Multisite Version and Upgrade Management System.

## Projects

- **JavaScript games (Off work):** Developing various games in **JavaScript** and associated **front end technologies**, such as snake, tic tac toe (along with AI), hangman etc.
- **Automation pipeline (IBM Watson):** Helped our test team by creating a fully automated deployment pipeline for the metering stack, which took care of testing and deployment of various components to different environments.
- **Ring-Message (Off work):** Developed an **Android app** which lets you save personalized messages for contacts, so when they call you or you call them, message pops up on screen reminding you what to ask or say.  
**App Store link:** [https://play.google.com/store/apps/details?id=myapp.prashant.ring\\_message&hl=en](https://play.google.com/store/apps/details?id=myapp.prashant.ring_message&hl=en)