

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, angular, 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**, managed 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=QBAD1oO0KgI>

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.
- **Website (Off work):** Developed a skeleton website using **bootstrap** (providenceprimary.com) for a friend, supporting the studies for underprivileged children in Bihar, India.
- **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