

# PRASHANT GUPTA

2307, Champion Court, Raleigh, NC 27606 Phone: +19194557928 Email: [pgupta7@ncsu.edu](mailto:pgupta7@ncsu.edu)  
Web: [pgupta.com](http://pgupta.com)

## Education

### North Carolina State University

Pursuing Masters in Computer Science  
Subjects: Algorithms, DevOps & Data Structures

2014 – 2015 (Dec.)

CGPA: 3.5/4

### Manipal Institute of Technology, India

Bachelor of Engineering – Computer Science and Engineering

2007 – 2011

CGPA: 8.32/10

## Skills and Achievements

- **Languages and Technologies:** Docker, Ansible, Vagrant, Android, Java, JSP, JSTL, Servlets, Hibernate, AJAX, REST, JAXB, MySQL, Ruby on Rails. Proficient knowledge in HTML5 and Javascript. IBM certified DB2, Six Sigma Green Belt Certified
- **Tools:** IBM Bluemix(including IBM Container Service), IBM Websphere, Ubuntu, Apache Tomcat, Niagara Framework, Enterprise Architect, Latex, Oracle 11g

## Experience

### IBM Emerging Technology Intern

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.
- Worked in an **Agile** environment, and estimated, designed and developed user stories given by the product owner following the agile methodology.

## Projects

- **Ring-Message:** 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)
- Developed a simple online web site which explores the concepts of **JSP, Servlets, Hibernate and Ajax**. Used an **MVC architecture** for the design.
- Developing a messenger application which makes use of **RESTful API** calls (including HATEOAS).
- Developing a **DevOps pipeline** as coursework, which will make use of a build server, some testing analysis and finally deploying an application.
- **Mouse Mover App:** Developed a simple yet highly useful app in **Java using multi-threading** which moves the mouse pointer after a fixed interval, thus keeping the computer active without human effort. Another thread checks when computer has been left idle, then executes the mouse mover thread.