

PRASHANT GUPTA

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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, SQL, 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, Jenkins, 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=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.
- 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
- 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 **Jenkins** as the Continuous Integration server, testing & code coverage 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.