

# Ashish Bandgar

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## SUMMARY

Seeking Fulltime opportunities in Software Development, Engineering where I can utilize my previous professional experience for enterprise applications along with the knowledge gained in master's in computer science.

## EDUCATION

<b>Master of Science in Computer Science</b> , University of North Carolina, Charlotte	<b>GPA = 3.6</b>	<b>Graduating Dec 2017</b>
<b>Bachelor of Engineering in Computer Engineering</b> , Pune University, Pune, INDIA	<b>GPA = 3.7</b>	<b>June 2015</b>
<b>Diploma in Computer Engineering</b> , Pune, INDIA	<b>GPA = 3.7</b>	<b>June 2012</b>

## TECHNICAL SKILLS

**Programming:** JAVA, C++, MySQL, C#, .NET, TestNG, Ruby, RoR, Selenium, Appium,

**Web Development:** HTML, CSS, Bootstrap, Servlets, JSP, .NET, JavaScript, PHP, AngularJS, JUnit, REST, Ruby on Rails.

**Tools:** MySQL workbench, PostgreSQL, JIRA, Confluence, TestRail, AWS, Rally, IntelliJ, Eclipse, Cloud9, R Studio.

## PROFESSIONAL EXPERIENCE

### University of North Carolina at Charlotte – Research Assistant

May 2017 - Present

- Ruby on Rails platform and data analytics. Leveraging RoR capabilities to analyze, gather metrics and understand different aspects of student learning initiative using various learning methods.
- Achieved full functioning website in record time to get project started. Developed Ruby warrior code to help students in learning. Completely **hosted website on AWS** and gathering data in Csv format to analyze on R studio.

### University of North Carolina at Charlotte – Teaching Assistant

Jan 2017 - Present

- Teaching assistant for the course “Software Engineering”. Develop Full stack projects as semester long projects.
- Help in Google Auth and hosting on AWS. Helping in setting up RDS, S3, and Elastic beanstalk.
- Responsibilities include subject research, assignments, help in-class coding sessions, debug and analyze student code for grading. Help students with cucumber, Capybara, Rspec, AWS hosting, TDD.

### RAKUTEN - Cybage Software India - Engineer

July 2015 - July 2016

- Sprint planning, defect tracking with JIRA and scrum. Full stack development and Rest APIs.
- Achieved **30% reduction** in time for defect co-relation - playing key role in enhancing client's documentation system.
- Analyzed suites with existing functionality to help reduce code redundancy and provide estimations on refactoring.
- SPSS to analyze test suites to reduce count, Initiated refactoring of test suites to eliminate obsolete cases reducing test count by 40%, increasing execution time by 20%. Part of 4-member Agile impact team.
- Expertise in project management with TestRail, Rally, JIRA, Confluence along with version control like GIT.
- Proficient in **Selenium** web driver, writing scripts for automation for E-Commerce Testing. Testing using TestNG, Cucumber, SoapUI for testing purpose. Maintaining previous test script suites and updating them as required.

## ACADEMIC PROJECTS

### eCommerce website – Meet-A-Pet (Java, Servlets, JSP, AWS, MySQL workbench)

Mar 2017– Jun 2017

- A full-fledged website with data on multiple pets, accessories, checkout module, cart module. It also included search operation to search from catalog. Hosted on AWS using elastic beanstalk, RDS.

### University website - admission portals, student registration (Java, AWS, MySQL workbench)

Mar 2017 – Jun 2017

- A fully functional website for student registration, admission process, and communication with students in Java. Completely hosted on AWS. MySQL workbench used for data handling, manipulation, and storage.

### Financial reporting using Agilefant open source project. (Struts, JavaScript, html)

Aug 2016- Dec 2016

- Achieved dynamic reporting of financial data for project is possible based on parameters. Java with struts and jsp, xml and java libraries were used to design functionality. Git for version control was used.

### Gesture recognition software to recognize alphabets (C#, .NET)

Dec 2014 - Mar 2015

- Led the team of 4 team members throughout the project working in 2-week sprint cycle. Developed successfully an application using the OCR API for recognizing the hand gesture, recognize alphabets, or make drawings on screen

### Bluetooth advertising system (Java, Web Application)

Aug 2011 - Mar 2012

- A Java based web application for dynamic advertising to get information of discounts and deals in places around him. Led the team of 4 trainees working on the project and utilized MVC framework, Agile software development method

## PUBLICATIONS

- “ Touchless Writer: Recognizing various Hand Gestures Using Artificial Neural networks through webcams and objects”, International Journal of Advance Foundation and Research in Computer, Vol.2, Special Edition. ISSN – 2348-4853.

**ELIGIBILITY :** Eligible to work in the US for internships or full time up-to 36 months without sponsorship.