

# VIVEK BHAT

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## EDUCATION

**North Carolina State University, NC, USA**

Anticipated May 2018

Master of Science (Computer Science)

**Jamia Millia University, New Delhi, India**

Bachelor of Technology, GPA – 8.3/10

May 2016

## SKILLS:

**PROGRAMMING: JAVA, RUBY, HTML5, CSS, Bootstrap**, JavaScript, Knockout.js, JQuery, XML, JSON, NODE, Node Package Manager, Ruby On Rails, APIs, C, C++ etc.

**TESTING:** JUnit, RSpec, Capybara, Cucumber, Selenium, Mocking, Mocha, Nock, Mockito, Chai.

**DATABASES:** MySQL, SQLite, SQLite3, Postgres SQL (PGSQL).

**TOOLS / UTILITIES:** Git, GitHub, Eclipse, RubyMine, Twitter APIs, GitHub APIs, Facebook APIs, Google APIs, Amazon Web Services, AWS Elastic Compute Cloud (AWS EC2), AWS Simple Storage Services (S3), Android Developer Tools (ADT), Android Studio.

**OPERATING SYSTEMS:** OS X El Capitan, Windows, Linux flavors - Ubuntu, Kali, Mint, Zorin.

## ACADEMIC/OTHER PROJECTS:

**Ansible-Playbook**, using Ansible, Vagrant and shell programming

Created an Ansible playbook that installs node.js, forever, Pull/clone git repo into a destination, Installs npm packages, does Configuration Management and much more.

**Mock-Twitter**, using Knockout.js, JavaScript, HTML5, CSS, Bootstrap

git.io/vXitW

(fall 2016)

A twitter mockup, with data-binding done by Knockout.js and cascading by CSS.

**Library Room Booking Web App**, using Ruby on Rails, Heroku

git.io/vX6Sv

(fall 2016)

o App: libappviv.herokuapp.com

**Websites developed:**

- o vivekbhat.github.io : My personal github.io page
- o http://vivekbhat.s3-website-us-west-2.amazonaws.com: My AWS Hosted personal website
- o libappviv.herokuapp.com. Library Room Booking Web App using Ruby On Rails and Heroku

**Bots Developed:**

- o **Twitter Follower Bot** uses node, npm, Javascript, Twitter git.io/vX6H7 (fall 2016)  
@botifulbot is the twitter handle for this bot API. It follows users who posted some tags
- o **Slack Bot**, Uses Node.JS NPM, JavaScript, Slack, forecast.io API git.io/vX6HM (fall 2016)  
In this Slack Bot I have written a simple slack bot that connects to a Slack Team using token and then provides options to either delete the feature or integrate it.
- o **Twitter Replying Bot**, Uses node, npm, Javascript, Twitter API) git.io/vX67f (fall 2016)  
@botifulbot is the twitter handle for this bot API . It replies to whosoever mentions its userid in their tweet

**Wikipedia Page writer**

goo.gl/L2EO8A

(fall 2016)

Wrote Wikipedia Page for **Comparison\_of\_continuous\_integration\_software**

**Interactive Gesture Control:**

Created a socket connection for a project for research work that uses shadows generated to control

**Electricity Bill Calculator** uses Android Studio, GitHub

git.io/vX6Fk

(spring 2016)

This app was developed for TATA powers (INDIA). It uses material design, navigation drawer, toast, snackbar and many newer android features.

**Weather Forecast App** uses Android Studio and OpenWeatherMap API

git.io/vXifi

(fall 2015)

This Android App uses OpenWeatherMap API to fetch weather data and then displays it on the app.

## Open Source Contribution

- **EXPERTIZA OSS Project**, uses ROR and docker git.io/vX6St  
Expertiza is a classroom tool build on Ruby on Rails (ROR) for group projects and peer review. My work was to refactor response controller of 'Expertiza' using Ruby on Rails and DRY principles for better architecture. I used docker to set the environment required for the project
- **EXPERTIZA NCSU**, uses ROR and docker (presently working on this)  
I am working on some bugs and improvement of a tree display page of Expertiza. (Send feedback to support + tree display improvement)

## HACKATHON PROJECTS:

**OptMeet: HACKNC 16**

git.io/vXivE

(fall 2016)

A simple web application to manage meeting friends at a convenient location.

## HONOURS:

- Chairperson of IEEE JMI Student Branch and IEEE JMI Computer Society (2015-2016)
- Vice-Chairperson of IEEE Jamia Millia Islamia Student Branch (2014-2015)
- Winner of Dr J. K. Pal Memorial Award for the Best IEEE Student member 2016 from IEEE Delhi Section of Region 10 Asia Pacific
- Winner of OUTSTANDING STUDENT VOLUNTEER 2015 from IEEE Delhi Section
- Active member of the NGO SHRISHTI (Centre for child & adolescent mental health)