VIVEK BHAT

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EDUCATION

North Carolina State University, NC, USA   Anticipated May 2018
Master of Science (Computer Science), GPA – 3.7/4.0
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++, 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:

Docker-Fun, using Docker, Vagrant, Node   git.io/v1tWm   (fall 2016)
  Tested server and did spinning, building and committing to Docker Images.

Ansible-Playbook, using Ansible, Vagrant, AWS console   git.io/vX79L   (fall 2016)
  Created an Ansible playbook that installs node.js, forever, Pull/clone Git repo into a destination, installs npm packages, does Configuration Management, provision an EC2 instance and 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   git.io/vXiOS   (fall 2016)
  o http://vivekbhat.s3-website-us-west-2.amazonaws.com: My AWS Hosted website

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 **FlagLagBot** uses Slack API, Git API, LaunchDarkly API, AWS EC2, Ansible.   git.io/v1nuB   (fall 2016)
     Aimed to bridge the gap between LaunchDarkly (tool for creating and managing feature flags) and code that uses it, user can communicate with our SlackBot and perform different tasks.
  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: (fall 2016)
  Created a socket connection for a project for research work that uses shadows generated to control

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   (fall 2016)
  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, React JS   git.io/v1ixj   (fall 2016)
  Worked on some UI issues and improvement of a tree display page of Expertiza. Send feedback to support + tree display were improved and a new UI with some added functionalities were provided.

HACKATHON PROJECTS:

• **OptMeet** in **HACKNC 16** (UNC Chapel Hill, NC USA)   git.io/vXivE   (fall 2016)
  A simple web application to manage meeting friends at a convenient location using map.

• **Electricity Bill Calculator** in **Hack4India** (NSIT New Delhi, India)   git.io/vX6Fk   (spring 2016)
  This android app was developed for TATA powers (INDIA) and calculates the electricity consumption based on the formula provided by TATA Powers. It uses Android Studio, material design, navigation drawer, toast, snackbar and many newer android features.

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)