VIVEK BHAT

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EDUCATION:

North Carolina State University, NC, USA   Anticipated Dec 2017
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

Experience:

INTEL Saffron: (Summer 2017)
Post Sales Data Engineer Intern
1. Part of Intel Saffron's cognitive intelligence professional solutions team. Developed a compact java package implementing SMB Queries and support methods from scratch for a client. The software reduced the supporting customer time from 14.75 hours to 1 hour. The package also allowed customer to create THOPS-like workflows using java 8. **Stack:** Java, REST API
2. Automated deploying Saffron using modern DevOps techniques. **Stack:** Ansible and Docker to achieve this.
3. Automated AWS instance setup with pre-configured Saffron installed in it. **Stack:** NodeJS, JavaScript, Ansible.

SKILLS:

PROGRAMMING: JAVA, RUBY, HTML5, CSS, Bootstrap, JavaScript, Knockout.js, ReactJS, JQuery, XML, JSON, NODE, NPM, Ruby On Rails, REST APIs, C, C++, JUnit, RSpec, Capybara, Cucumber, Selenium, Mocking, Mocha, Nock, Mockito, Chai.
DATABASES: Oracle SQL*Plus, MySQL, SQLite, SQLite3, Postgres SQL (PGSQL).
TOOLS / UTILITIES: Docker, Kubernetes, Vagrant, Ansible, VirtualBox, Git, Maven, Eclipse, IntelliJ IDEA, RubyMine, Twitter APIs, GitHub APIs, Facebook APIs, REST APIs, Amazon Web Services, AWS EC2, S3, Android Developer Tools (ADT), Android Studio.
OPERATING SYSTEMS: **OS X El Sierra,** Windows, Linux flavors - Ubuntu, Kali, Mint, Zorin.

ACADEMIC/OTHER PROJECTS:

Devops-Pipeline, uses Ansible, Vagrant, AWS, Jenkins, Docker, Nginx, NodeJS   git.io/vHiiN   (Spring 2017)
Developed a DevOps pipeline to deploy, build and test a NodeJS and Java Application on remote EC2 instances (involved CM too).
DBMS-Course Registration System uses Java, JDBC, SQL, git   git.io/v96qj   (Spring 2017)
The goal of the project was to design a relational database application for supporting course registration at a university such as NCSU
Docker-Fun, using Docker, Vagrant, Node   git.io/v1tWm   (fall 2016)
Tested server and did spinning, building and committing to Docker Images.

Mock-Twitter, using Knockout.js, JavaScript, HTML5, CSS, Bootstrap   git.io/vXitW   (fall 2016)
A twitter mockup, with data-binding using **Knockout.js** and cascading by CSS.
Bots and Web Apps Developed:
- **Twitter-Bots** uses node, npm, JavaScript, Twitter   git.io/vHiMJ   (fall 2016)
@botifulbot is the twitter handle for this bot API. It follows users who posted some tags
- **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.
- **http://vivekbhat.me** : My personal github.io page   git.io/vXiOS   (fall 2016)
- **Library Room Booking Web App,** using Ruby on Rails, Heroku   git.io/vX6Sv   (fall 2016)
Wikipedia Page writer   goo.gl/L2EO8A   (fall 2016)
Wrote Wikipedia Page for **Comparison_of_continuous_integration_software**
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 for group projects and peer review. We refactored response controller of 'Expertiza' using ROR and DRY principles for better architecture. Docker was used to set the environment required for the project
- **EXPERTIZA NCSU,** uses ROR, ReactJS   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 was 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.