

## ADDRESS

2500, Avent Ferry Rd.  
Apartment No. 205  
Raleigh, NC - 27606

## E-MAIL

vicky.p.katara@gmail.com

## MOBILE

+1 984 215 8067

## GITHUB REPO

github.com/vicky-katara

## SKILLS

### PROGRAMMING LANGUAGES

Java, C, Python, Ruby, Rust,  
Excel VBA

### WEB TECHNOLOGIES

HTML, CSS, JavaScript, XML

### DATABASE PLATFORMS

Advanced SQL on Oracle  
RDBMS 9i / 11g

### APPLICATIONS

Informatica PowerCenter, Adobe  
Photoshop CS6, NetBeans,  
Eclipse, Audacity, ~~WTFX~~,  
Wireshark, GitHub, Swing(Java)

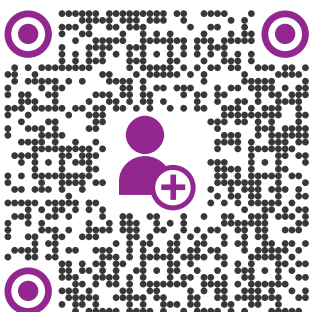
### OPERATING SYSTEMS

Microsoft Windows, Linux

### CERTIFICATIONS

Oracle Certified Java SE6  
Programmer (with 93%)

## SAVE MY CONTACT



# VICKY KATARA

## EDUCATION

2015 - 2017 (EXPECTED), M.S.(COMPUTER SCIENCE),  
NORTH CAROLINA STATE UNIVERSITY

Current G.P.A.: 4.0

2009 - 2013, B.E.(COMPUTER ENGINEERING), UNIVERSITY OF MUMBAI

Majored in Software / Computer Science. Graduated 6th in class.

## WORK EXPERIENCE

JAN 2014 – JUN 2015, TECHNOLOGY ANALYST, DELOITTE CONSULTING  
Business Intelligence - Data Warehousing

Worked for numerous short and long term Enterprise Data Warehousing / Integration projects. Orchestrated and Participated in numerous firm and community improvement initiatives

## RELEVANT PROJECTS

CONFORMANCE SUITE FOR MOZILLA SERVO

[Sept-Dec 2015]

Open Source project to develop a conformance suite for Mozilla's next generation browser. Source at: [vicky-katara/unicode-bidi](https://github.com/vicky-katara/unicode-bidi)

*Technologies Used:* Python, Rust

PEER TO PEER VIDEO STREAMING SYSTEM

[Oct-Dec 2015]

Developed a P2P Video Streaming Application. Source at: [vicky-katara/IP\\_Video\\_P2P](https://github.com/vicky-katara/IP_Video_P2P)

*Technologies Used:* Java, Eclipse, testing on a VirtualBox swarm

JAVA FILE ENCRYPTOR Side Project

[Jan 2015]

My attempt at Building a File Encryption Tool in Java. The GUI is in Swing. It uses PBE with MD5 and DES for encryption. Source at: [vicky-katara/FileEncryptor](https://github.com/vicky-katara/FileEncryptor)

*Technologies Used:* Java, Swing, NetBeans

LIBRARY MANAGEMENT SYSTEM

[Sept-Oct 2015]

Modeled and developed a Library Management System as a Web Application.

Application available at: [calm-coast-3120.herokuapp.com](http://calm-coast-3120.herokuapp.com)

*Technologies Used:* Ruby on Rails, CSS, JavaScript, Heroku

GRE WORD TEST TOOL Side Project

[Sep 20, 2015]

Application available at: [www4.ncsu.edu/~vpkatara/GRE800/](http://www4.ncsu.edu/~vpkatara/GRE800/)

*Technologies Used:* JavaScript, HTML, CSS

ANALYSIS OF ATOMICITY FOR MULTITHREADED PROGRAMS [July-Dec 2012]

Researched into algorithms for testing atomicity(serializability) of multi-threaded programs. Implemented live applications to test the results. emph

*Technologies Used:* Java, Swing, NetBeans

WAREHOUSE TESTING AUTOMATOR Side Project

[March-Dec 2014]

Developed a tool to execute SQL Test scripts on a database, capture the results, and publish them onto an Auditing and Testing platform. The tool is currently being patented by Deloitte.

*Technologies Used:* Microsoft VBA, SQL