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MOBILE

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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)

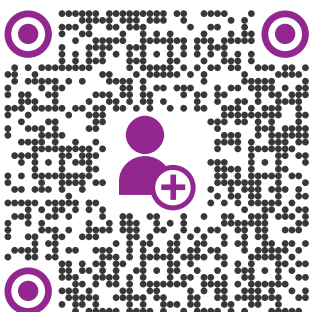
OPERATING SYSTEMS

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

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

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

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

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

Application available at: calm-coast-3120.herokuapp.com

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

GRE WORD TEST TOOL Side Project

Application available at: www4.ncsu.edu/~vpkatara/GRE800/

Technologies Used: JavaScript, HTML, CSS

ANALYSIS OF ATOMICITY FOR MULTITHREADED PROGRAMS

Researched into algorithms for testing atomicity(serializability) of multi-threaded programs.

Implemented live applications to test the results. emph

Technologies Used: Java, Swing, NetBeans *Group Size:* 3

AUTOMATION TOOL FOR WAREHOUSE TESTING Side Project

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