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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)

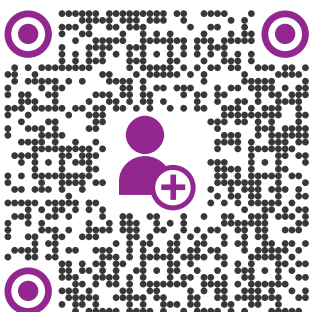
OPERATING SYSTEMS

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

Optimized prevalent processes by building automation tools. Inspired rethinking of existing problem solving strategies in Business Intelligence and Data Warehousing while discovering unexplored risk mitigation policies. Initiated and lead numerous social responsibility projects.

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

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/

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