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+1 984 215 8067

GITHUB REPO
github.com/vicky-katara

SKILLS

PROGRAMMING LANGUAGES

Java, C/C++, SQL, Python,
Ruby, Rust

WEB TECHNOLOGIES

HTML, CSS, JavaScript, XML

DATABASE PLATFORMS

Oracle RDBMS 9i / 11g

APPLICATIONS

Informatica PowerCenter, Adobe
Photoshop, NetBeans, Eclipse,
Audacity, MS Office, ~~MS~~ EX,
Wireshark, GitHub, Swing(Java)

OPERATING SYSTEMS

Microsoft Windows, Linux,
Android

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 with $3.65 < \text{GPA} < 3.9$

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 foundation's next generation browser. Source at: [vicky-katara/unicode-bidi](https://github.com/vicky-katara/unicode-bidi)
Technologies Used: Rust, Python

PEER TO PEER VIDEO STREAMING SYSTEM

Designed and developed a P2P Video Streaming System.
Source at: [vicky-katara/IP_Video_P2P](https://github.com/vicky-katara/IP_Video_P2P)
Technologies Used: Java, Eclipse, A few open source Libraries

JAVA FILE ENCRYPTOR

Pet project which is 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, Eclipse, A few open source Libraries

LIBRARY MANAGEMENT SYSTEM

Modeled and developed a Library Management System as a Web Application. Available at: calm-coast-3120.herokuapp.com
Technologies Used: Ruby on Rails, CSS, JavaScript, Heroku

GRE WORD TEST TOOL

Available at: www4.ncsu.edu/~vpkatara/GRE800/
Technologies Used: JavaScript, HTML, CSS

ANALYSIS OF ATOMICITY FOR MULTITHREADED PROGRAMS (B.E. RESEARCH PROJECT)

Researched into algorithms for testing atomicity(serializability) of multi-threaded programs. Implemented live applications to test the results. *Technologies Used:* Java, Swing

AUTOMATION TOOL FOR WAREHOUSE TESTING

Developed a tool to execute SQL Test scripts on a database, capture the results, and publish them onto an Auditing and Testing platform.
Technologies Used: Microsoft VBA