

902 Greek Row Dr Apt 113,
Arlington Texas 76013

JAYESH DOOLANI

Email: jdoolani@yahoo.in
Contact #: (682) – 558 – 0000

EDUCATION

University of Texas at Arlington

Master of Science (M.S) in Computer Science – Thesis

University of Mumbai

Bachelor of Engineering (B.E) in Computer Engineering

Expected: December 2016

GPA: 3.88 / 4.00

Graduated in August 2014

GPA: 3.54/4.00 (converted)

WORK EXPERIENCE

Software Engineer Intern, NICE Systems, Richardson, TX

June 2016 - August 2016

- Created detailed, comprehensive and well-structured test plans & unit test cases in Java using JUnit & EasyMock which helped in improving the existing test coverage of NICE's Workforce Management product by 20%.
- Designed and developed robust automation test framework in Java for Windows RPC client using Silk4J library which considerably reduced the execution time for GUI testing from 3.5 hours to 55 minutes.
- Deployed unit tests and automation tests on Continuous integration build systems (Jenkins), managed Jenkins jobs and proposed improvements in existing continuous integration pipeline.

Web Application Developer Intern, Ayoka Systems, Arlington, TX

June 2015 - August 2015

- Developed additional features for enterprise web application built on Grails web framework.
- Improved UI of web application using various JQuery plugins and replacing traditional HTML functionality, which led to aesthetic UI, faster page response time and improved user interaction.
- Developed internal API's to improve code quality and refined codebase to remove 1000+ lines of redundant code.

Graduate Teaching Assistant, University of Texas at Arlington, Arlington TX

January 2015 – May 2016

- Mentored and managed a class of 40 graduate students for 3 semesters for CSE department's course *Software Testing*.

RELEVANT SKILLS

Programming Languages: Java, C, Python, Go and JavaScript

Web Technologies & Frameworks: HTML, CSS, XML, JQuery and Grails

Database Technologies: MySQL and MongoDB

Big Data & Cloud Technologies: Hadoop, HDFS and Amazon Web Services (EC2 & S3)

Testing and Build Tools: JUnit, EasyMock, Silk4J, Jenkins and Maven

RELEVANT PROJECTS

Machine Learning Algorithm for Text Classification

- Developed a machine learning algorithm in Python, which learns to classify 20,000 text documents with an accuracy of 86%.

goCI: A Golang powered server for mini Continuous Integration build system (Hackathon project – HackTX 2015)

- Developed an innovative mini continuous integration build server in Go which automatically builds Go code from git repository whenever updated code is pushed and sends build information back to a slack channel.

Fault Tolerant Key-Value store using Membership Protocol

- Designed and developed membership protocol in Java to achieve 100% completeness and 99.2% accuracy in detecting node failure in an emulated Peer-to-Peer (P2P) network.
- Developed a Key-Value store in Java which supported Create, read, update and delete of Key-Value pairs along with load balancing.

Medical Store Management System

- Developed a comprehensive medical store management system in Java, Java Swings and MySQL database with features such as inventory and stock control, accounting and client management.

'Power Test Taker' Android application

- Developed an android application from scratch with features such as class course management, in-class mobile quizzes, login using 2 factor authentication and performance comparison report.

3 Factor Password Authentication using Sensel Device (Hackathon project – HackTx 2015)

- Developed a unique password authentication system in Python using Sensel's pressure sensitive device.

ACHIEVEMENTS

- **3rd place and Fan Favorite Award**, Student Engineering-Week Challenge, UT-Arlington, February 2016