Shriram A. Suryawanshi

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Education

- **Master of Science in Computer Science -** Binghamton University, State University of New York   (GPA: 3.88 / 4.00)   Expected: Dec 2019

  Courses - Programming for the Web, Game Development for Mobile Platforms, Big Data Technologies, Advanced Topics in Cloud Computing, Database Systems, Programming Languages, Design and Analysis of Algorithms, Computer Architecture, Operating Systems

- **Bachelor of Technology in Computer Engineering**   May 2012

  Dr. Babasaheb Ambedkar Technological University, Lonere, Raigad, Maharashtra, India

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Technical Skills

- Programming and Web Technologies   - Java, JavaScript, Node.js, REST, JSON, SOA, HTML 5, CSS, Bootstrap, Mustache, VB.Net, VB6, C, C++
- Database Technologies   - SQL, PL-SQL with Oracle and SQL Server, MongoDB
- Testing Technologies   - Manual & Automation Testing, Mobile Testing, SOA and REST API Testing, Defect Management
- Testing Tools   - SoapUI Pro, Selenium with TestNG, Jenkins and Maven, Device Anywhere (Mobile Testing), HP ALM

Professional Experience   **5 years, 6 months**

- **Research Project Assistant**   **SUNY Research Foundation, Binghamton University (Innovation Associates)**   May 2019 - Today
  - Software Modernization Project
    - Designed and developed RDLC reports and APIs in VB.NET for software interface of robotic prescription dispensing system
    - Assisted migration from Monolithic Architecture to Component Based Architecture and merging two different software

- **Test Analyst (Lead)**   **Infosys Limited, Pune, India**   Jul 2017 - Dec 2017
  - Web Services Automation Testing
    - Conducted all testing activities for each web service and automated all test scripts using SoapUI tool
    - Developed One-Touch Automation Framework using SoapUI Pro and Selenium to create required test data conditions with Web UI, validate Web Service functionality and database updates, Web UI updates and produce validation results

- **Test Analyst**   **Cognizant Technology Solutions, Pune, India**   Dec 2012 - Jun 2017
  - Secure Identity Management System
    - Performed manual testing for each Web Service along with database validations and built automation scripts with SoapUI Pro
    - Integrated selenium scripts validating Splunk logs with SoapUI automation suites and built single regression framework
    - Used Selenium with TestNG to automate SoapUI regression suite along with Jenkins to build Continuous Integration (CI) pipeline
  - Mobile Banking Application Testing
    - Created & executed functional and UI test cases for Retail Banking application and executed on mobile and tablets and browser
    - Designed Selenium automation scripts to execute regression tests on the desktop browser

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Projects

- **Android/iOS Applications**   Course: Game Development for Mobile Platforms

  Developed Android and iOS applications - Graph Generator, Time Tracker, Cavern Fighter, 2048 [Demo - https://bit.ly/2HPyIII]

- **Tiny URL**   Course: Programming for the Web

  Designed Node.js based URL shortening application with MongoDB, REST API, Mustache Templates, HTML and CSS

- **Student Management System**   Course: Database Management Systems

  Implemented various PL-SQL stored procedures, sequences, triggers to perform basic University operations and integrated with attractive GUI with help of Swing and AWT components of Java

- **CPU Simulator**   Course: Computer Organization and Architecture

  Implemented CPU optimization techniques for instruction level parallelism and pipelining using Java

- **Steganography**   Course: Information Security

  Developed Java based application to embed encrypted textual messages in text, image, audio and video carrier files without causing any distortions to original file

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Awards and Certifications

- Achieved 'Pillar of the Month' and 'Making a Difference' awards at Cognizant Technology Solutions
- 'Cognizant Certified Professional' in Banking & Financial Services, Retail Banking, Software Testing, Defect Management, Mobile Testing