

# Aswathi Radhakrishnan

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<https://aradhakrish.github.io/>

## EDUCATION

<b>Master of Science: Computer Science</b> University of North Carolina at Charlotte, NC, USA	2016 December (Expected) CGPA: 4.0 (21 credit hours)
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<b>Bachelor of Technology: Information Technology</b> Toc H Institute of Science & Technology, Kerala, India	2010 April CGPA: 3.9
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## EMPLOYMENT

<b>Totient Business Solutions Pvt. Ltd.</b> Bangalore, Karnataka, India	<i>Test Automation Engineer</i> 2011 Oct – 2014 Dec
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- Worked extensively on Linux shell scripting. Contributed to restructuring Selenium framework from scratch to yield efficient execution time.
- Implemented screen capture of the application at the point of test failure when automated tests are executed in a cluster, unsupervised. Reduced debug time and maintenance by 50%.
- Proposed and implemented code cleanup thus reducing redundancy and improved coherence of framework.
- Realized generic XPath module which generates dynamic XPath for any element in the application with minimal input.
- Implemented headless automation framework using HtmlUnit and Java and integrated the same with JUnitReport.

<b>Cognizant Technology Solutions India Pvt. Ltd.</b> Coimbatore, Tamil Nadu	<i>Programmer Analyst Trainee</i> 2010 Nov – 2011 April
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- Completed comprehensive industrial training (6 months)
- Worked on web services testing in Insurance domain

## HONORS

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| • The Indian Prime Minister's scholarship  | 2006 – 2010 |
| • "The Employee of the Year", Totient Business Solutions Pvt. Ltd.                   | 2012 April  |
| • Recognized as "Most Valuable Newcomer of the team", Cognizant Technology Solutions | 2011 April  |

## CONFERENCE PARTICIPATION

### Paper(s) Presented:

"WiMAX and the issues related to power consumption on devices", International Conference on "Recent Trends in Computational Science" (ICRTCS – 2008), 11- 13 June 2008, Cochin

## RESEARCH EXPERIENCE

Worked extensively with R&D department of Toc H Institute of Science & Technology to develop **Employee Appraisal System** for the institute. The system evaluated the performance of the employees based on the reviews by the Head of the Department, coworkers and students. It also recorded Time-In and Time-Out of the employees using a fingerprint reader and generated an overall evaluation report at the end of the term.

## CAMPUS INVOLVEMENT

- Established and presided over **Sun Microsystem's Open Source University Meetup (OSUM)** in undergraduate college campus. Conducted technical hands-on sessions for students. Organized seminars to provide awareness on importance and application of Open Source software, design and other content.
- Organized and conducted events as part of Annual College Meet.

## RELATED PROFESSIONAL SKILLS

Operating Systems	Windows, Linux, UNIX, Android, ROS
Programming/Query Languages	Java, Python (basics), C, C++, .Net, Julia, SQL, UNIX/Linux shell, REST and SOAP web services
Database Systems	MySQL, Firebase
Other Software/Tools	Git, Subversion, Bugzilla, VMWare, Curl, DbVisualizer, Pygame