Aswathi Radhakrishnan

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EDUCATION

Master of Science: Computer Science	2016 December (Expected)
University of North Carolina at Charlotte, NC, USA	CGPA: 4.0 (21 credit hours)

Bachelor of Technology: Information Technology	2010 April
Toc H Institute of Science & Technology, Kerala, India	CGPA: 3.9

EMPLOYMENT

Totient Business Solutions Pvt. Ltd.	*Test Automation Engineer*
Bangalore, Karnataka, India	2011 Oct – 2014 Dec

- 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.

Cognizant Technology Solutions India Pvt. Ltd.	*Programmer Analyst Trainee*
Coimbatore, Tamil Nadu	2010 Nov – 2011 April

- Completed comprehensive industrial training (6 months)
- Worked on web services testing in Insurance domain

HONORS

- 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