**EDUCATION:**

**Binghamton University, State University of New York** *May 2015*Masters of Science in Computer Science

**Anna University, Chennai, India** *May 2011*

Bachelor of Engineering in Computer Science

**SKILLS:**

**Programming Languages** : C#, SQL, PL/SQL, ADO .NET, Entity Framework, C.  
**Web Technologies**  : ASP .NET, ASP .NET MVC, HTML, CSS, JavaScript, jQuery.  
**Tools**  : GIT, Click Schedule, Rational Tools Client, BMC Remedy, Val grind, Change man, M-Sim Simulator, Microsoft Service Optimization, CACTI, Jenkins, Bamboo, JIRA.   
**Operating Systems**  : Linux, Windows.

**PROFESSIONAL EXPERIENCE:**

## Technology Analyst, Infosys Limited *June 2015 – Present*

* Designed and Developed automation test tool to reduce the number of incidents which increased the uptime of systems to 99%, thereby reducing the resource cost by 15%.
* Maintained a high productivity rate by providing solutions to issues and quick workaround to defects.
* Oversee administration and control of the ClickSoftware within the company.
* Provided real-time support responses to the field tool devices for their software and database issues.
* Trained and mentored new recruits in product capabilities, remedy process, support procedures and other issues.
* Involved in all phases of SDLC (Software Development Life Cycle).

## Research Assistant, Binghamton University *January 2014 – May 2015*

* Proposed DAC (Dynamic Associative Caches) – the power efficient first level data cache design with less performance loss and less complexity (Paper accepted to ICCD’14).
* Implemented DAC within the processor simulator and analyzed its timing and power implications.
* Saved 85% of the dynamic energy with less than 1% performance loss.

## Systems Engineer, Infosys Limited, India *June 2011 – July 2013*

* Mainframe Developer and Production Support for a section of supply chain processes in Leading Automobile Company: Logistics Systems.
* Implemented changes in the existing system for Bug fixes and performance improvements.
* Held responsible for Back-end productive job run and solved the abends with procedural techniques in Mainframes.
* Documented and updated all the abends and the Logistics Systems process for future use.

**PROJECT EXPERIENCE:**

**Workforce Management (ClickSchedule):** *May 2016 – Present*

* Worked in a workforce management system which is used for scheduling functionality to improve the efficiency of the field force and operations.
* Developed/Enhanced new out of box modules to increase the effectiveness of the application with small manual efforts.
* Involved in Integration and regression testing along with the User Acceptance Test Support and Go-Live Support.

**IEBI Bank Application** *June 2015 – December 2015*

* Modified an existing Bank application, created the feature to use Credit/Debit Cards.
* Designed different webpages based on the user role like Customer, Branch Manager, Admin and Area Branch Manager.
* Created webpages for listing card transaction details, reward points earned, approving/ rejecting card applications.
* Implemented the changes using C#, ADO.NET, Entity Framework, SQL, ASP .NET MVC.

**Handling Long-latency Loads in Simultaneous Multi-Threading Processor***November 2015 – December 2015*

* Improved the performance by identifying the long latency loads and flushing them from the processor pipeline.
* Modified the simulator (M-sim) of more than 5000 lines of code to implement the above mechanism using C.
* Implemented three new different methods for identifying the loads and compared it with the current existing method.

**Publications and Awards:**

* First author of an IEEE paper “Dynamic Associative Caches” in ICCD’14 conference.
* ‘*Insta Award’* from Infosys Limited for my all round performance and technical skills.