Prakash Natarajan

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EDUCATION

Master of Science in Computer Science and Engineering   Expected Dec 2015
University at Buffalo, The State University of New York.

Bachelor of Engineering in Electronics and Communication,   June 2011
Anna University, India. *First Class Distinction Honor*

SKILLS

Languages   : Java, swift, Android, C, C++, C#, ASP.Net, HTML, python.
Tools Used   : Xcode, Eclipse, Visual Studio, Sql Server.
Operating System   : Mac OsX, Linux, Ubuntu, Windows 7/8.
Certifications   : MCTS .Net framework 4 web application development, C and C++.

PROJECTS:

Priority Scheduler and Virtual Memory for PintOs   **Fall 2014**
- Implemented Priority Scheduling for threads in Pintos operating system and also enforced priority scheduling for semaphores, locks and monitors in pintos kernel.
- Handled Priority Inversion with priority donation of high priority threads to low priority threads and also took care of Multiple and Nested Priority donation of locks.

Object Oriented top-down Parser   **Fall 2014**
- Designed a parser with a team of 2 in Java that translates a program into JVM byte codes to generate the object and sequence diagram of the Parser in Jive exactly as specified in the requirement of the grammar.

Design Pattern Implementation in Java   **Fall 2014**
- Implemented the Iterator Pattern and Decorator pattern as a part of academic project. We also had a hands on in the functional and logical programming.

PROFESSIONAL EXPERIENCE

Programmer Analyst, Cognizant Technology Solutions, Chennai, India

June 2011 -March 2014
- Managed Incident Ticket Analysis and support at Production level.
- Developed a webpage to list the server status from QTP results for each server on daily basis.
- Successfully Enhanced portal by using MVC (Model View Controller) for Insurance domain with team size of 4 and upgraded a windows service for triggering mails for failed server
- Provided backup support to all team members for application analysis and debugging and running automated scripts for QTP tool.

PERSONAL DATA

LINKEDIN: http://lnkd.in/bEhZRiz
  GITHUB: https://github.com/prakashn27