NISHOK NARASIMHA MOHANASAMY

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SUMMARY

- ❖ A full-stack software developer/engineer and graduate assistant student with over six years of experience in various software development roles, currently seeking summer Internship opportunity.
- ❖ Exceptional problem solving and analytical skills, and research and development skills
- ❖ Experience in leading a software project through the complete development and quality assurance lifecycle.
- ❖ Excellent interpersonal and communication skills.
- ❖ Hard-working and detail-oriented with the ability to articulate and resolve a complex technical matter.

EDUCATION

Master of Science in Computer Science Engineering   **GPA: 4/4**   **[Sept 2015 – present]**
Montclair State University, New Jersey
Major: Computer Science
Course Work: Algorithms and Analysis, Web development, Computer Architecture, Machine Learning, Software Engineering and Mobile Computing.

Bachelor of Engineering in Computer Science   **GPA: 3.74/4**   **[Aug 2005 – May 2009]**
Anna University, India
Course Work: Data Structures I & II, Database Systems, OOPS, Networking, Web Services, Artificial Intelligence and Image Processing.

EXPERIENCE

Graduate Assistant   **[Sept 2015 – present]**
Montclair State University, New Jersey
Senior Software Engineer   **[Jan 2014 – Aug 2015]**
OpenText Corp. , India
Software Engineer   **[Jul 2009 – Dec 2013]**
Cordys R&D, India

SKILLS

Programming languages	JAVA, JavaScript, Python , HTML, CSS, PHP, XML
Automation	Selenium, Web driver, Junit
Continuous Integration	Jenkins, JIRA, Crucible, ANT, Gradle, Groovy
Databases	MongoDB, MySql, MSSql Server
Operating System	Windows, Linux, OS X
BOP – Process Platform	CWS, XForms, WsApps, WorFlow, WSDL, REST
Frameworks	NodeJS, Jquery, BackBoneJS, Underscore, MooTools
Clients	Eclipse, WebStorm, Android Studio, SubLime

PROJECTS

Parking Application – Park-it – Javascript   **[Sept 2015-present]**
- Developed a real-time parking application, providing real-time navigation to the closest parking space available using NodeJs and Jquery.

Android Application – Campus Administration System   **[Sept 2015-present]**
- Developed a unified and secure administration system for college purposes, where any type of users such as student, professor, administrator, payroll or any other professional related to college can view and update information that is meant only for him/her, using Android SDK and Core Java

Conference web page   **[Sept 2015-present]**
- Developed a Conference web-site, which hosts the paper presentation and other events, using PHP and NodeJs.

Front end development (HMTL/CSS/JS)   **[Jan 2014-Aug 2015]**
- **Tree-Grid Library**:

- Developed a table composite control, having an extra tree column, which is used to render data from multiple tables using Primary/Foreign relations, and tailored for Cordys BOP software.
- **XForm Entity Integration**:
  - Integrated XForm loading (.cafs) into Process Platform's Entity Model runtime using HTML5, Backbone.js, Underscore.js, Marionette.js and JQuery.
- **Pathfinder & Js Coverage**:
  - Developed Pathfinder, which derives a matrix of relations between source code and test cases. Pathfinder was developed using Cordys BOP itself and Java and crawls on both Java and Javascript code base.

Automation / selenium   **[Jul 2009-Jan 2014]**
- Developed selenium Framework based on the complicated DOM structure of CORDYS BOP where testers can write test cases comfortably using Core Java.

SOA/ Cordys BOP/ OpenText Process platform   **[Jul 2009-Jan 2014]**
- Addressed several enhancements and bugs in Workflow component, a middle layered team in SOA which provides task communication with details to users groups such as developer, tester, manager and more or users in the form of INBOX similar to that of GMAIL's Inbox with lots of runtime functionalities