ANKITA MULEY

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EDUCATION

Northeastern University, Boston, MA   May 2015
Masters in Computer Science
Related Courses: Algorithms, Computer Systems, Web Development, Data Mining and Map Reduce

Swami Vivekananda College Of Engineering, India   Jun 2011
Bachelors of Engineering in Computer Science

EXPERIENCE

Software Engineer at Cisco Systems, MA, USA   Feb 2016 - Present
- Developing context service, a cloud storage service for Cisco Contact Center. Enhancing application by adding new key features in Java SDK and JavaScript SDK. Integral part an agile team that practices continuous delivery, continuous integration, and test-driven development
- Technologies: Java, JavaScript ES6, React, Restful APIs, Jenkins, Selenium, Cassandra, Elastic Search

Software Engineer at Hoyos Labs LLC, MA, USA   July 2015 - Jan 2016
- Gathered functional specifications from the client. Created project plan including functional requirement, use cases, defined web service endpoint to communicate with client application, scope, roles, responsibilities, and timescales
- Implemented rest API's to register and authenticate app user. Implemented wordpress plugin for company's customer portal allowing end user to use mobile app to authenticate. Used Docker containers for development

Java Developer Intern at Schneider Electric, MA, USA   Jan 2014 - Aug 2014
- Enhanced RCP application named EcoStream by incorporating feature plugin which enabled customers to estimate available cooling capacity after power failure in the modeled Data Center
- Added property view, import and export xml tool for modeled Data Center in EcoStream to provide better customer support

Software Developer Intern at Matrix System Solution Technologies, India   Jan 2012 - Jun 2012
- Developed administrator portal for a website on WAMP application server platform
- Designed database schema and developed a user interface enabling end user to share bookmark, image, topic within a group

TECHNICAL SKILLS

Programming Languages: Java, JavaScript, NodeJS, AngularJS, ReactJS, JSON, SQL, C, Python, JQuery, XML, Bootstrap, and Ajax
Databases and Tools: MySQL, NoSQL (MongoDB), Eclipse, Netbeans, Visual Studio, WEKA, Swagger, Maven, Jira
Platform/Framework/OS: MEAN, REST, WAMP, Map Reduce, Git VCS, Windows, Linux/Unix

ACADEMIC PROJECTS

MongoDB, ExpressJS, AngularJS, NodeJS - Whiteboard, an Online Quiz Portal   Dec 2014
- Developed web application using full stack JavaScript framework. Wrote Restful APIs using NodeJS, Express. Consumed youtube and ebook Rest APIs. Hosted application on OpenShift server
- End users able to create and take quizzes under courses and search for videos and eBooks

Java - Map Reduce Framework   Apr 2015
- Designed and implemented Map Reduce framework to emulate Hadoop architecture
- Benchmarked performance of emulated framework based on input file size, AWS instance type, AWS instance count and against the original Hadoop framework on AWS

Python - Web Crawler and Sequential PageRank   Dec 2013
- Implemented web crawler by utilizing CCIS web site as a seed. Extracted html and PDF links using Python Beautiful Soup library. Logged list of html and PDF links insisting wait of 5 seconds between the requests
- Programmed page rank algorithm on web graph represented as adjacency list, taking into account dangling links and inbound links and listed the top 50 documents based on page rank

C - User Programs and Virtual Memory System in Pintos OS   Dec 2014
- Programmed system calls to enable user program to interact with kernel and perform I/O operations via system calls
- Extended pintos OS functionality to support demand paging, data swapping to and from disk

ACTIVITIES

- Tutor at Math Power program by Northeastern Math Department
- President of IEEE college (SVCE) chapter