Nischay Maridevegowda

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EDUCATION

College of Computer and Information science, **Northeastern University,** Boston, MA   3.67

Candidate for Master of Science in Computer Science   **September 2015–May 2017**

Related Courses: Programming Design Paradigm, Web Development, Algorithms, Information Retrieval and Software vulnerabilities and Securities

Visvesvaraya Technological University, Karnataka, India   4.0

Bachelor of Engineering in Electronics and Communication   **June 2007 – June 2011**

TECHNICAL SKILLS

Operating Systems	: MS Windows, Linux and OSX
Web Technologies	: AngularJS, NodeJS, ExpressJS, MongoDB, ESLint, JSON, CSS3, Bootstrap, JavaScript, HTML5, REST APIs, MVC design pattern, NativeScript, TypeScript
Programming Languages	: JavaScript, Java, Python and C
Database	: MongoDB, Oracle
Theoretical Knowledge	: Jira, UML, JUnit, Jenkins, Jmeter, XML

PROFESSIONAL EXPERIENCE

Staples Inc., Cambridge, MA

Software Engineering Intern   **May 2016 – Current**

- Designed, developed and deployed a REST based full stack web application for the Staples Order fulfillment using Bootstrap, AngularJS, NodeJS, ExpressJS and MongoDB.
- Redesigned and developed a content management web solution for the staples mobile apps marketing teams using technologies such as AngularJS framework, NodeJS and REST APIs.
- Developed a proof of concept to auto generate Android and IOS native apps using NativeScript's TypeScript and AngularJS2 framework.
- Upgraded and Optimized the Staples NodeJS REST API mobile services platform from ES5 to ES6 JavaScript, enhanced mocha for better performance and PCI compliance.
- Automated the process of syncing data from MongoDB to the existing Oracle database, reducing the latency of the Transportation team by 90% for manipulation of routing details of various carriers used by staples.

Infosys Limited, Mysore, India

Senior Software Engineer   **June 2011 – August 2015**

- Designed and Developed a Conference management web application. Used HTML5, CSS3, JavaScript, AngularJS and Bootstrap for building completely responsive site/ fluid layout. Used NodeJS for the creation of the functionality of site and Mongo DB for data storage and retrieval. Developed several REST web services supporting JSON to perform tasks. REST web services leveraged by web applications
- Designed and developed application layer software for automotive control systems using embedded C which took 5% less execution time which was achieved by efficient and dynamic memory allocations

ACADEMIC PROJECTS

Wiki Search Engine, Northeastern University, Boston MA   **January 2016 – April 2016**

- Implemented a Java based wiki search engine using JSoup Library. The application took a seed URL, crawled up to a particular depth retrieving and storing unique URLs and indexing the content at each level. The documents were cleaned, stemmed and scoring algorithms are used to the rank the documents

A Trip Assistance Website, Northeastern University, Boston MA   **September 2015 – December 2015**

- Designed and developed a web application which features the information about places that could be useful for tourists and trekking enthusiasts. Using AngularJS, NodeJS, ExpressJS, MongoDB and REST APIs. Link: http://nodejs-mncs5610fall2015.rhcloud.com/Project56/client/index.html#/home