

EDUCATION

Northeastern University, Boston, MA

Candidate for Master of Science in Computer Science

Expected Graduation: December 2017

Related Courses: Algorithms, Web Development, Parallel Data Processing
In MapReduce, Information Retrieval, Managing Software Development

GPA: 3.58/4.0

University of Mumbai, Mumbai, India

Bachelor of Engineering in Electronics and Telecommunication

Graduation: August 2011

Related Courses: Object oriented programming – Java, Data Compression and Encryption

GPA: 3.0/4.0

TECHNICAL KNOWLEDGE

Programming Languages: Java, Python

Operating Systems: Linux, Windows

Tools: WebStorm, IntelliJ IDEA, Eclipse, Visual Studio, SharePoint 2013, MATLAB

Database: SQL Server

Web Technologies: AngularJS, Node.js, HTML5, CSS, JavaScript, JSP, Amazon Web Services, Apache Tomcat

WORK EXPERIENCE

AdaptiveAlgo Systems Inc., Somerville, MA

May 2016 – August 2016

Front End Web Developer,

- Built web application for Model Risk Analysis using JavaScript and Angular JS, developed dashboards with Graphics and Charting capabilities for evaluation of model execution results using d3.js and highcharts.js
- Developed file upload and download functionality to manage uploading script files and downloading result files of model execution in csv format using JavaScript and Rest APIs
- Developed front end for job scheduling functionality for executing models in future and repetitively using AngularJS
- Contributed towards major front-end design discussions, shouldered responsibility for developing prototypes and evaluating different charting and diagramming API's to ensure best possible fit for the end product

Tata Consultancy Services Ltd., Mumbai, India

March 2012 – August 2015

Systems Engineer,

- Developed web application Global Operations and Solutions to address issues faced in Supply Chain and Manufacturing industry, Integrated front end web application with enterprise systems like CRM, ERP, MES etc. thus bridging the gap between plant operations and Enterprise Performance Management
- Developed custom connectors using web services, ASP.NET C# and JavaScript to retrieve data from Enterprise Resource Planning systems like MS Dynamics AX and display it on front end. Thus, providing actionable data from all systems on a single dashboard to the user
- Programmed Fault Management System for Tata Teleservices Ltd. to detect network alarms coming from different locations to be displayed in front of the Network Operation Center Engineers

ACADEMIC PROJECTS

Northeastern University, Boston, MA

August 2015 –

Present

- J2EE (Spring MVC): Created a web application (hosted on AWS as a part of the semester) for adolescent girls which hosts interactive content that engages them in topics like eating disorders and appearance ideals to help improve their self-esteem
- Python 3.5: Programmed a Naïve Bayes Text Classifier to identify positive and negative movie reviews
- Python 3.5: Designed a basic word specific web crawler to make a collection of web pages that contain the word and implemented BM25 page ranking algorithm

ACTIVITIES

Boston CleanWeb Hackathon, AdaptiveAlgo Systems Inc., Somerville, MA

May 2016

- Developed a Single Page Application using AngularJS for the “Building Manager” to analyze energy utilization data from previous years so as to make informed decisions on implementing strategies to cut down on the energy usage

Innovations week, Tata Consultancy Services Ltd., Cologne, Germany

June 2015

- Represented Tata Consultancy Services Ltd. in the Innovations week, an employee engagement initiative on client site in Germany and presented a POC on Supply Chain Management and Operations

HOBBIES & INTERESTS: Playing Guitar, Trekking, Reading books