

# ABHISHEK MULAY

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**Available:** January 2018 – August 2018

## EDUCATION

### Northeastern University, Boston, MA

College of Computer and Information Science, GPA: **3.667/4.0**

*Candidate for a Master of Science in Computer Science*

Jan 2017 - present

Expected: Dec 2018

Related courses: Programming Design Paradigm, Information Retrieval, Algorithms, Foundations of Artificial Intelligence, Managing Software Development

### Walchand College of Engineering, Sangli, India

*Bachelor of Technology in Computer Science and Engineering*

June 2009

Related courses: Data Structures and Algorithms, Design and Analysis of Algorithms

## TECHNICAL SKILLS

**Languages:** Python, Java, JavaScript

**Web Technologies:** HTML, CSS, SCSS, Bootstrap, React, Redux, Angular, jQuery, JSON

**Version Control:** Git, Github, Perforce

**Databases:** MySQL, ElasticSearch

**IDE:** Webstorm, Eclipse, IntelliJ IDEA, PyCharm, Vim

## PROFESSIONAL EXPERIENCE

### DeepIntent, Pune, India

Software Engineer – Consultant

October 2017 – December 2017

- Built real-time single page web application from scratch using Angular 2, HTML and CSS for managing online advertising campaigns for advertisers

### Mezi, Pune, India

Software Engineer

July 2015 - October 2016

- Architected and developed real time messaging web app using HTML, CSS and **AngularJS** which served more than 10,000 users simultaneously and was generating more than \$250k in Gross Merchandise Value
- Owned **75%** codebase of above mentioned single page web application
- Worked with UX designers for implementing pixel perfect UI features
- Integrated third party REST APIs for scalable SaaS architecture including Stripe (payment), IATA (airports) and Expedia Affiliate Network (hotels and flights) etc.

### ADP/CDK Global, Pune, India

Software Engineer

June 2013 - July 2015

- Developed efficient, high-performance, and mobile ready front end systems for automotive manufacturer and dealerships CMS portal that powers more than 8000 dealer websites
- Built reusable web components using **Object Oriented JavaScript**, HTML and LESS
- Reduced page load time from 8 seconds to 4 seconds (50% improvement) on dealership's homepage
- Followed test driven development approach for writing bug free Java and JavaScript code
- Built APIs in **Java** to work with large vehicle data set

## PROJECTS

### Vertical Web Crawler and Search Engine

May 2017 – Aug 2017

Northeastern University, Boston

- Crawled 100k documents related to specific topic using JSoup and Java. Cleaned, stored and merged crawled documents in **ElasticSearch** distributed clusters
- Developed web portal to search and evaluate documents using **React.js**, **Redux.js**, HTML, CSS and Bootstrap. Results can be updated and updates are saved to ElasticSearch using Python and Flask
- Used BM25 ranking model and PageRank algorithm for ranking documents

### CareerMate – Application Tracking System

August 2017 - present

- Built a single page web application using **ReactJS** and **ReduxJS** for tracking the jobs applications
- Designed RESTful APIs for backend system using **Python** and Flask

### YouTube comments spam detector

January 2017 – April 2017

- Implemented *Naïve Bayes* Machine Learning Classifier for detecting spam comments using Python and Natural Language Toolkit (NLTK) and achieved an accuracy of 75%